Canadian Intellectual Property Office

An Agency of Industry Canada

Office de la propriété intellectuelle du Canada

Un organisme d'Industrie Canada

ISSN-1712-4034

The Patent Office Record

La Gazette du Bureau des brevets

Vol. 145 No. 37 September 12, 2017 Vol. 145 No. 37 le 12 septembre 2017

Canada

CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

- [11] - Number of Patent document
- [13] - Kind-of-document code
- [21] - Number assigned to the Application
- [22] - Date of Filing Application or
- [22] - Date of filing of related divisional application
- [25] - Language in which the published application was originally filed
- [30] - Data relating to priority under the Paris Convention
- [41] - Open to Public Inspection Date
- [45] - Date of Issue
- [48] - Correction Date (Re-Issued, Re-Examined)
- [51] - International Classification
- [52] - Domestic Classification
- [54] - Title of Invention
- [60] - Related by Supplementary Disclosure
- [62] - Related by Division
- [64] - Related by Reissue
- [71] - Name(s) of Applicant(s)
- [72] - Name(s) of Inventor(s)
- [73] - Name(s) of Grantee(s)
- [85] - National Entry Date
- [86] - PCT International Filing Data
- [87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

- [11] - Numéro du brevet
- [13] - Désignation du type de document
- [21] - Numéro attribué à la demande
- [22] - Date du dépôt de la demande ou
- [22] - Date du dépôt de la demande divisionnaire apparentée
- [25] - Langue dans laquelle la demande publiée a été initialement déposée
- [30] - Données relatives à la priorité selon la Convention de Paris
- [41] - Date de mise à la disponibilité du public
- [45] - Date de délivrance
- [48] - Date de correction (Redélivrance, Réexamen)
- [51] - Classification internationale
- [52] - Classification nationale
- [54] - Titre de l'invention
- [60] - Apparenté par divulgation supplémentaire
- [62] - Apparenté par division
- [64] - Apparenté par redélivrance
- [71] - Nom(s) du (des) demandeur(s)
- [72] - Nom(s) de(s) l'inventeur(s)
- [73] - Nom(s) du (des) titulaire(s)
- [85] - Date d'entrée en phase nationale
- [86] - Données du dépôt international selon le PCT
- [87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: **(www.wipo.int/scit/en/standards/standards.htm)**.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: **(www.wipo.int/scit/fr/standards/standards.htm)**.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la

Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

4. Late payment fee

50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. **Handling fee** (Rule 57.2(*a*))	**$269**
6. **Preliminary examination fee** (Rule 58)	**$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Taxe pour paiement tardif

50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. **Taxe de traitement** (Règle 57.2*a*))	**269 $**
6. **Taxe d'examen préliminaire** (Règle 58)	**800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (publications.mail@wipo.int) or visit their Web site (www.wipo.int).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (publications.mail@wipo.int) ou visiter leur site Web (www.wipo.int).

13. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the

13. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée

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(en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

14. Correspondence Procedures

June 20, 2017

1. Physical Delivery of Correspondence to CIPO
2. Electronic Correspondence
3. Details concerning the electronic formats accepted
4. General Information
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6. Procedures in case of an unexpected Office closure at CIPO
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8. Intellectual property acts, rules and regulations

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le 20 juin, 2017

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2. Correspondance électronique
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4. Renseignements généraux
5. Jours fériés
6. Procédures en cas de fermeture des bureaux
7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture
8. Lois, règles et règlements sur la propriété intellectuelle

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance.

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

1. Physical Delivery of Correspondence to CIPO

For the purposes of sections 5 and 54 of the Patent Rules, section 3 of the Trade-marks Regulations, section 2 of the Copyright Regulations, section 3 of the Industrial Design Regulations and section 3 of the Integrated Circuit Topography Regulations, the address of the Patent Office, the Office of the

1. Livraison en personne de correspondance à l'OPIC

Aux fins des articles 5 et 54 des Règles sur les brevets, de l'article 3 du Règlement sur les marques de commerce, de l'article 2 du Règlement sur le droit d'auteur, de l'article 3 du Règlement sur les dessins industriels et de l'article 3 du Règlement sur les topographies de circuits intégrés, l'adresse

Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours 8:30 a.m. to 4:30 p.m. (local time) will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the Patent Act for obtaining a filing date, the documents will be returned to the sender.

The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus lors des heures normales d'ouverture, soit de 8h30 à 16h30 (heure locale), sera considérée comme ayant été reçue la journée même de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la Loi sur les brevets pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1.1 Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Innovation, Science and Economic Development Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 343-291-3436

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Innovation, Science and Economic Development Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6

1.1 Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Innovation, Sciences et Développement économique Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 343-291-3436

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Innovation, Sciences et Développement économique Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6

Tel.: 514-496-1797
Toll-free: 1-888-237-3037

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Innovation, Science and Economic Development Canada
151 Yonge Street, 4th Floor
Toronto ON M5C 2W7
Tel.: 416-973-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Innovation, Science and Economic Development Canada
Canada Place
9700 Jasper Avenue, Suite 725
Edmonton AB T5J 4C3
Tel.: 780-495-4782
Toll-free: 1-800-461-2646

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Innovation, Science and Economic Development Canada
Library Square
300 West Georgia Street, Suite 2000
Vancouver BC V6B 6E1
Tel.: 604-666-5000

8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. For example, correspondence delivered to the designated establishment in Toronto on June 24 will not be considered received on June 24 since CIPO is closed for business. The correspondence will be considered received on the next day CIPO is open for business.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

1.2. Registered Mail™ and Xpresspost™ services of Canada Post

For the purposes of subsections 5(4) and 54(3) of the Patent Rules, subsection 3(4) of the Trade-marks Regulations, subsection 2(4) of the Copyright Regulations, subsection 3(4) of the Industrial Design Regulations and subsection 3(4) of the Integrated Circuit Topography Regulations, the Registered Mail™ and Xpresspost™ services of Canada Post are designated establishments or designated offices to which

Tél. : 514-496-1797
Sans frais : 1-888-237-3037

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Innovation, Sciences et Développement économique Canada
151, rue Yonge, 4e étage
Toronto (Ontario) M5C 2W7
Tél. : 416-973-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Innovation, Sciences et Développement économique Canada
Canada Place
9700, avenue Jasper, pièce 725
Edmonton (Alberta) T5J 4C3
Tél. : 780-495-4782
Sans frais : 1-800-461-2646

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Innovation, Sciences et Développement économique Canada
Library Square
300, rue Georgia Ouest, pièce 2000
Vancouver (C.-B.) V6B 6E1
Tél. : 604-666-5000

8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date. Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, la correspondance livrée à un établissement désigné à Toronto le 24 juin ne sera pas considérée comme ayant été reçue le 24 juin, puisque les bureaux de l'OPIC seront fermés. La correspondance sera considérée comme ayant été reçue lors de la prochaine journée ouvrable de l'OPIC.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

1.2. Services Courrier recommandé^MC et Xpresspost^MC de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des Règles sur les brevets, du paragraphe 3(4) du Règlement sur les marques de commerce, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du Règlement sur les dessins industriels et du paragraphe 3(4) du Règlement sur les topographies de circuits intégrés, les services Courrier recommandé^MC et Xpresspost^MC de Postes Canada sont des

correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, au Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

CIPO considers that correspondence delivered through the Registered Mail™ and Xpresspost™ services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

L'OPIC considère que la correspondance livrée par l'entremise des services Courrier recommandé[MC] et Xpresspost[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

2. Electronic Correspondence

2. Correspondance électronique

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, subsection 3(6) of the Trade-marks Regulations, subsection 2(6) of the Copyright Regulations, subsection 3(6) of the Industrial Design Regulations, and subsection 3(6) of the Integrated Circuit Topography Regulations, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online or on an electronic medium only as provided in the current notice.

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, du paragraphe 3(6) du Règlement sur les marques de commerce, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du Règlement sur les dessins industriels et du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the Patent Rules, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the national phase will not be accepted.

Conformément au paragraphe 54(5) des Règles sur les brevets, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the Trade-marks Regulations specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du Règlement sur les marques de commerce prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

2.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

- (819) 953-CIPO (2476) or
- (819) 953-OPIC (6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed. Please note that CIPO strongly discourages the use of a computer facsimile interface or internet-based facsimile services due to technical issues with reception.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the Patent Rules apply to facsimile correspondence.

2.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically using the relevant links below.

Patents

For the purpose of subsection 5(6) of the Patent Rules, correspondence addressed to the Commissioner may be sent electronically by accessing the following pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe or ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register

2.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

- 819-953-OPIC (6742) ou
- 819-953-CIPO (2476)

La correspondance qui est transmise par télécopieur à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevrez après votre envoi par télécopieur constituera votre accusé de réception. La confidentialité du processus de transmission électronique ne peut pas être garantie. Veuillez noter que l'OPIC décourage fortement l'utilisation d'interface de télécopie par ordinateur ou de services de télécopie par le biais d'internet étant donné les problèmes techniques probables avec la réception.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des Règles sur les brevets s'appliquent à la correspondance par télécopieur.

2.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique.

Brevets

Aux fins du paragraphe 5(6) des Règles sur les brevets, la correspondance adressée au commissaire peut être envoyée par voie électronique, notamment par le biais des pages suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe ou ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre

of patent agents; and
- ordering copies in paper, or electronic form of a document.

des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE

Pursuant to PCT Rule 89bis, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT E-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT : PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT.

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trademarks

For the purpose of subsection 3(6) of the Trade-marks Regulations, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically by accessing the following pages:

- filing a new or revised trademark application;
- renewal of a trademark registration;
- request to enter a name on the list of trademark agents;
- annual renewal of a trademark agent;
- requesting copies of trademark documents;
- filing of a declaration of use;
- registration of a trademark application;
- statement of Opposition; and
- extensions of time in trademark opposition cases

Marques de commerce

Aux fins du paragraphe 3(6) du Règlement sur les marques de commerce, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être envoyés par voie électronique, notamment par les pages suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the Copyright Regulations, the following correspondence addressed to the Copyright Office may be sent electronically, by accessing the following pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a

Droits d'auteur

Aux fins du paragraphe 2(6) du Règlement sur le droit d'auteur, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de

communication signal;

- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

communication;

- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the Industrial Design Regulations, the following correspondence addressed to the Commissioner of Patents may be sent electronically, by accessing the following pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du Règlement sur les dessins industriels, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique. Pour ce faire, il faut accéder aux pages suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the Integrated Circuit Topography Regulations, the following correspondence addressed to the Registrar of Topographies may be sent electronically, by accessing the following page:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits intégrés

Aux fins du paragraphe 3(6) du Règlement sur les topographies de circuits intégrés, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique. Pour ce faire, il faut accéder à la page suivante :

- correspondance générale relative aux topographies de circuits intégrés.

2.3 Electronic medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements prescribed in the Patent Rules still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the Patent Rules, the electronic medium must be separate from any electronic medium which may be filed containing parts of the

2.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande. Les exigences relatives à la date de dépôt énoncées dans les Règles sur les brevets resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des Règles sur les brevets, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui

application itself or amendment(s) thereof.

contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to PCT Rules 89bis and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or

ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing fee, refer to section 7 of the PCT Administrative Instructions.

Le Canada comme office récepteur au titre du PCT : Dépôt électronique des listages de séquences

Conformément aux Règles 89bis et 89ter du PCT et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou

ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe

the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

3. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the Patent Act, and for the purposes of subsections 5(6), 54(5), and 68(3) of the Patent Rules, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the Patent Rules, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;
- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

3. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la Loi sur les brevets et aux fins des paragraphes 5(6), 54(5) et 68(3) des Règles sur les brevets, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des Règles sur les brevets, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Résolution : 300 ou 400 ppp
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF

- Compatible avec Adobe Portable Document Format Version 1.4
- Texte non comprimé, pour faciliter la recherche
- Texte non chiffré
- Pas d'objets OLE incorporés
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

ASCII

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

ASCII

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsection 3(6) of the Industrial Design Regulations, the acceptable file formats for documents submitted electronically using the relevant links set out in section 2.2 of these correspondence procedures are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database. If the office converts files to an acceptable format this could result in a change in quality to the drawings.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du Règlement sur les dessins industriels, les formats de fichiers acceptables pour les documents présentés par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ».Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris)
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po
- Résolution : 300 ppp

Pour toutes les images soumises dans différents formats, le bureau peut imprimer et balayer les images par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données. Si le bureau convertit les fichiers dans un format acceptable, ceci pourrait résulter en un changement de la qualité des dessins.

4. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

4. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

5. Statutory Holidays

- Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts
- Time limits under the Patent and Trade-marks Act
- Time limits under the Patent Cooperation Treaty
- Provincial and Territorial Holidays
- When Patent and Trademarks Offices are closed for business

5. Jours fériés

- Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés
- Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce
- Délais prévus dans le Traité de coopération en matière de brevets
- Jours fériés provinciaux ou territoriaux
- Jours de fermeture au public des bureaux des brevets et des marques de commerce

Time limits under the Patent, Trade-marks, Industrial Design, Copyright and Integrated Circuit Topography Acts

In accordance with section 26 of the Interpretation Act, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Innovation, Science and Economic Development Canada regional office or the Registered Mail™ and Xpresspost™ services of Canada Post) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that he or she is properly entitled to any needed extension of the time limit.

Délais prévus dans les lois sur les brevets, les marques de commerce, les dessins industriels, le droit d'auteur et les topographies de circuits intégrés

Selon l'article 26 de la Loi d'interprétation, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Innovation, Sciences et Développement économique Canada ou le service Courrier recommandé de Postes Canada) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris par télécopieur, sont réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. Par conséquent, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Time limits under the Patent and Trade-marks Acts

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the Patent Act and subsection 66(1) of the Trade-marks Act, any patent or trademark time limit that expires on a day when the Patent and Trademarks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered.

No equivalent provisions exist under the Industrial Design Act, the Copyright Act or the Integrated Circuit Topography Act.

Délais prévus dans la Loi sur les brevets et dans la Loi sur les marques de commerce

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la Loi sur les brevets et 66(1) de la Loi sur les marques de commerce stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés

Il n'existe pas de disposition équivalente dans la Loi sur les dessins industriels, la Loi sur le droit d'auteur ou dans la Loi sur les topographies de circuits intégrés.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the Regulations under the PCT provides:

If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

i. on which such Office or organization is not open to the public for the purposes of the transaction of official business;

ii. on which ordinary mail is not delivered in the locality in which such Office or organization is situated;

iii. which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or

iv. which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day;

the period shall expire on the next subsequent day on which none of the said four circumstances exists.

CIPO takes the position that section 26 of the Interpretation Act applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du Règlement d'exécution du PCT prévoit ce qui suit :

Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour

i. où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;

ii. où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;

iii. qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou

iv. qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant;

Le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus.

L'OPIC estime que l'article 26 de la Loi d'interprétation s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du

the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO, however, takes no position as to whether such extensions would be recognized by other countries, and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the Regulations under the PCT or some other applicable law.

PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du Règlement d'exécution du PCT ou d'une autre loi pertinente.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

1. **Alberta**: Third Monday in February (Alberta Family Day)
2. **British Columbia**:
   - First Monday in August (British Columbia Day)
   - Second Monday in February (British Columbia Family Day)
3. **New Brunswick**: First Monday in August (New Brunswick Day)
4. **Newfoundland and Labrador**:
   - March 17 (St. Patrick's Day)
   - April 23 (St. George's Day)
   - June 24 (Discovery Day)
   - July 12 (Orangemen's Day)
   - First Monday in August (Regatta Day)
5. **Nova Scotia**: First Monday in August (Civic Holiday)
6. **Ontario**:
   - Third Monday in February (Ontario Family Day)
   - First Monday in August (Civic Holiday)
7. **Prince Edward Island**: First Monday In August (Civic Holiday)
8. **Quebec**: June 24 (St. John the Baptist Day)
9. **Saskatchewan**: First Monday in August (Saskatchewan Day)
10. **Yukon**: Third Monday in August (Discovery Day)

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après, qui ne sont pas des jours fériés pour l'administration fédérale, sont des jours fériés dans au moins une province ou territoire :

1. **Alberta** : troisième lundi de février (Jour de la Famille de l'Alberta)
2. **Colombie-Britannique** :
   - premier lundi d'août (Fête de la Colombie-Britannique)
   - euxième lundi de février (Jour de Famille de la Colombe –Britannique)
3. **Nouveau-Brunswick** : premier lundi d'août (Fête du Nouveau-Brunswick)
4. **Terre-Neuve et Labrador** :
   - 17 mars (Fête de la Saint-Patrick)
   - 23 avril (Fête de la Saint-Georges)
   - 24 juin (Journée de la Découverte)
   - 12 juillet (Jour des Orangistes)
   - Premier lundi d'août (Journée de la Régate)
5. **Nouvelle-Écosse** : premier lundi d'août (congé statutaire)
6. **Ontario** :
   - troisième lundi de février (Jour de la Famille de l'Ontario)
   - premier lundi d'août (congé statutaire)
7. **L'Île-du-Prince-Edouard** : premier lundi d'août (congé civique)
8. **Québec** : 24 juin (Saint-Jean-Baptiste)
9. **Saskatchewan** : premier lundi d'août (Fête de la Saskatchewan)
10. **Yukon** : troisième lundi d'août (Journée de la Découverte)

When CIPO's Offices are closed for business

For the purposes of subsection 78(1) of the Patent Act and subsection 66(2) of the Trade-marks Act, CIPO's Offices are closed for business on the following days:

Jours de fermeture des bureaux de l'OPIC au public

Pour l'application des paragraphes 78(1) de la Loi sur les brevets et 66(2) de la Loi sur les marques de commerce, les bureaux de l'OPIC sont fermés au public les jours suivants :

- All Saturdays and Sundays
- New Year's Day (January 1)*
- Good Friday
- Easter Monday
- Victoria Day: First Monday immediately preceding May 25
- St. John the Baptist Day (June 24)*
- Canada Day (July 1)*
- Labour Day: First Monday in September
- Thanksgiving Day: Second Monday in October
- Remembrance Day (November 11)*
- Christmas Day (December 25)*
- Boxing Day (December 26)

If December 26 falls on a Saturday, CIPO's Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Offices will be closed on the following Monday.

6. Procedures in case of an unexpected office closure at CIPO

In case of an **emergency**, CIPO will attempt to remain open for business and ensure that essential service to our clients continues with the least possible disruption or delay.

In view of the **date-sensitive nature** of intellectual property (IP), clients are advised to address important deadlines ahead of time to minimize the risk of affecting their IP rights. For the purposes of such deadlines, unless otherwise notified, clients should assume that all due dates remain in effect.

Whenever CIPO is closed for business, including closures due to extraordinary circumstances, CIPO considers **all time limits to be extended until the next day that it is open for business**. In such situations, mail delivered to CIPO or to the designated regional offices will be considered to be received on the date that CIPO re-opens for business, with the exception of correspondence addressed to the Registrar of Topographies.

There may also be instances in which the designated regional offices may be temporarily closed, yet CIPO remains open for business. In such situations, it remains the responsibility of CIPO's clients to ensure that all deadlines are respected.

Clients are **strongly encouraged** to send date-sensitive material through Canada Post by Registered Mail™ or Xpresspost™ or electronically using the relevant links set out in section 2.2 of these correspondance procedures. Documents may continue to be faxed to CIPO at 819-953-CIPO (953-2476); however date-sensitive material requiring fee payment that is sent by fax must be accompanied by a VISA, MasterCard, or American Express credit card number, or CIPO

- Tous les samedi et dimanche
- Jour de l'An (1er janvier)*
- Vendredi Saint
- Lundi de Pâques
- Fête de Victoria : premier lundi précédant le 25 mai
- Saint-Jean-Baptiste (le 24 juin)*
- Fête du Canada (1er juillet)*
- Fête du travail : premier lundi de septembre
- Jour de l'Action de grâces : deuxième lundi d'octobre
- Jour du souvenir (11 novembre)*
- Jour de Noël (25 décembre)*
- L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux de l'OPIC seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

6. Procédures en cas de fermeture des bureaux

Dans une **situation d'urgence**, l'OPIC s'efforcera de demeurer ouvert au public et d'assurer un service essentiel à ses clients, et ce, avec le moins d'interruption ou de retard possible.

Étant donné **l'importance que revêtent les délais** en matière de propriété intellectuelle (PI), il est recommandé aux clients de minimiser les risques pouvant nuire à leurs droits en matière de PI en tenant compte à l'avance des dates limites importantes. En ce qui a trait aux délais prescrits, les clients doivent respecter toutes les dates d'échéance, à moins d'avis contraire.

Dans les cas où l'OPIC est fermé au public, y compris pour des raisons exceptionnelles, **les dates limites seront réputées être reportées au prochain jour où l'OPIC sera ouvert au public**. Le cas échéant, sauf pour la correspondance adressée au registraire des topographies, le courrier livré à l'OPIC ou aux bureaux régionaux désignés sera réputé avoir été reçu le jour où l'OPIC rouvre au public.

Il pourrait y avoir des cas où les bureaux régionaux seraient fermés temporairement, mais où l'OPIC resterait ouvert au public. Le cas échéant, les clients de l'OPIC demeurent responsables du respect de tous les échéanciers.

Les clients sont **fortement encouragés** à faire parvenir les documents assujettis à des délais précis par Postes Canada par Courrier recommandé^MC, par Xpresspost^MC ou par voie électronique en utilisant les liens spécifiés à l'article 2.2 de ces procédures de correspondance. Il est toujours possible de télécopier des documents à l'OPIC en composant le 819-953-OPIC (953-6742). Cependant, les documents assujettis à des délais pour lesquels des frais sont exigés, envoyés par

deposit account number.

When possible during an emergency, information and search systems will continue to be available on our website; however, services provided through the Client Service Centre and other support areas within CIPO may be temporarily unavailable. Should an emergency occur, CIPO will post information on our service interruptions as they become available and as circumstances permit.

7. Procedures when CIPO is open for business but clients are unable to communicate with the Office

Patents, Industrial Design, Copyright and Integrated Circuit Topography

The legislative framework in relation with the abovementioned types of intellectual property does not provide CIPO with the flexibility to extend deadlines when it is open for business but clients are unable to communicate with the Office.

In these situations it remains the responsibility of clients to ensure that all deadlines are respected.

Trademarks

The Trade-marks Act and Regulations does allow clients to request a retroactive extension of time when a due date has been missed due to a force majeure type situation. For a retroactive extension of time to be granted, the Registrar of Trade-marks must be satisfied that the failure to do the act or apply for an extension of time before the original due date was not reasonably avoidable. A prescribed fee of $125 may be required in certain cases.

CIPO notes that Bill C-59 – Budget Implementation Act 2015, which received royal assent on June 23, 2015, contains provisions for extensions of time in Force Majeure-type situations (such as catastrophic events). CIPO has commenced work on regulatory amendments to the Patent Rules, Trade-Marks Regulations and the Industrial Design Regulations to bring Bill C-59 into force.

télécopieur, doivent être accompagnés d'un numéro de carte VISA, Mastercard ou American Express ou d'un numéro de compte de dépôt à l'OPIC.

En cas d'urgence, les systèmes d'information et de recherche seront, dans la mesure du possible, accessibles à partir de notre site Web; toutefois, les services fournis par le Centre de services à la clientèle et les autres services de soutien de l'OPIC pourraient temporairement ne pas être offerts. En cas d'urgence, l'OPIC affichera les renseignements nécessaires sur notre page d'interruptions des services lorsque ceux-ci seront disponibles et si les circonstances le permettent.

7. Procédures à suivre lorsque les clients sont incapables de communiquer avec les bureaux de l'Office de la propriété intellectuelle du Canada durant les heures d'ouverture

Brevets, dessins industriels, droit d'auteur et topographies de circuits intégrés

Le cadre législatif relié aux types de propriété intellectuelle mentionnés ci-haut ne permet pas à l'OPIC d'avoir la flexibilité de proroger les délais lors d'une journée ouvrable pendant laquelle les clients sont dans l'impossibilité de communiquer avec le bureau.

Dans une telle situation, les clients demeurent tenus de veiller à ce que les échéances soient respectées.

Marques de commerce

La Loi sur les marques de commerce et le Règlement sur les marques de commerce permettent aux clients de demander une prorogation rétroactive lorsqu'un délai n'a pas été respecté en raison d'une situation de force majeure. Pour qu'une prorogation rétroactive soit accordée, le registraire des marques de commerce doit être convaincu que l'omission d'accomplir l'acte ou de demander la prorogation avant la date initiale d'échéance n'était pas raisonnablement évitable. Un droit prescrit de 125 $ peut être exigé dans certains cas.

L'OPIC souligne que le projet de loi C-59 – Loi d'exécution du budget 2015, qui a reçu la sanction royale le 23 juin 2015, renferme des dispositions permettant la prorogation de délais dans des cas de force majeure (événements catastrophiques par exemple). L'OPIC a entamé des travaux visant à apporter des modifications réglementaires aux Règles sur les brevets, au Règlement sur les marques de commerce et au Règlement sur les dessins industriels afin de mettre le projet de loi C-59 en vigueur.

8. Intellectual property acts, rules and regulations

- Copyright Act
- Copyright Regulations
- Industrial Design Act
- Industrial Design Regulations
- Integrated Circuit Topography Act
- Integrated Circuit Topography Regulations
- Interpretation Act
- Patent Act
- Patent Rules
- Regulations under the PCT
- Trade-marks Regulations

8. Lois, règles et règlements sur la propriété intellectuelle

- Loi sur le droit d'auteur
- Règlement sur le droit d'auteur
- Loi sur les dessins industriels
- Règlement sur les dessins industriels
- Loi sur les topographies de circuits intégrés
- Règlement sur les topographies de circuits intégrés
- Loi d'interprétation
- Loi sur les brevets
- Règles sur les brevets
- Règlement d'exécution du PCT
- Règlement sur les marques de commerce

15. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of September 12, 2017 contains applications open to public inspection from August 27, 2017 to September 2, 2017.

15. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 12 septembre 2017 contient les demandes disponibles au public pour consultation pour la période du 27 août 2017 au 2 septembre 2017.

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[54] **SYSTEM, METHOD AND COMPUTER PROGRAM PRODUCT FOR ENROLLING AND AUTHENTICATING COMMUNICATION PROTOCOL-ENABLED CLIENTS FOR ACCESS TO INFORMATION**
[54] **SYSTEME, PROCEDE, ET PRODUIT PROGRAMME INFORMATIQUE SERVANT A ENREGISTRER ET AUTHENTIFIER DES CLIENTS AUTORISES PAR DES PROTOCOLES DE COMMUNICATION, AUX FINS D'ACCES PAR CEUX-CI ADES INFORMATIONS**
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[54] **NOVEL IMMUNOGENIC COMPOSITIONS FOR THE PREVENTION AND TREATMENT OF MENINGOCOCCAL DISEASE**
[54] **NOUVELLE COMPOSITIONS IMMUNOGENES UTILISEES POUR LA PREVENTION ET LE TRAITEMENT DE LA MENINGOCOCCIE**
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[72] ZLOTNICK, GARY W., US
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[54] **METHOD AND APPARATUS FOR MODEL-BASED DETECTION OF STRUCTURE IN PROJECTION DATA**
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[54] **ENGINEERING SINGLE-GENE-CONTROLLED STAYGREEN POTENTIAL INTO PLANTS**
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[54] **COMPOSITION BASED ON ZIRCONIUM OXIDES, DE PRASEODYMIUM, LANTHANUM OR NEODYMIUM, METHOD FOR THE PREPARATION AND USE THEREOF IN A CATALYTIC SYSTEM**
[54] **COMPOSITION A BASE D'OXYDES DE ZIRCONIUM, DE PRASEODYME, DE LANTHANE OU DE NEODYME, PROCEDE DE PREPARATION ET UTILISATION DANS UN SYSTEME CATALYTIQUE**
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[72] ROHART, EMMANUEL, FR
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[72] O'NEIL, DEBORAH, GB
[73] NOVABIOTICS LIMITED, GB
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[54] **INSTRUMENT CHIRURGICAL ULTRASONIQUE**
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[54] **DISPOSITIF DE TRAITEMENT DE DONNEES A DEFINITION FORMELLE**
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[54] **MOYENS POUR L'INHIBITION D'ANTICORPS ANTI-RECEPTEURS .BETA.-1ADRENERGIQUES**
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[54] **UNIVERSAL EXTERNAL CONTROL DEVICE FOR USE BY MULTIPLE CONDITIONAL ACCESS USERS WITH VARYING ACCESS TO FUNCTIONALITY OF AN IMPLANTABLE MEDICAL DEVICE**
[54] **DISPOSITIF DE COMMANDE EXTERNE UNIVERSEL POUR UTILISATION PAR DES UTILISATEURS D'ACCES CONTIONNEL MULTIPLES AVEC ACCESS VARIABLE A UNE FONCTIONNALITE D'UN DISPOSITIF MEDICAL IMPLANTABLE**
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[54] **SENSITIZATION OF IMMUNE SYSTEM AGAINST HAPTENIZED MELANOMA ANTIGENS**
[54] **SENSIBILISATION DU SYSTEME IMMUNITAIRE CONTRE LES ANTIGENE DE MELANOME HAPTENISE**
[72] WESTERHOF, WIETE, NL
[73] ACADEMISCH ZIEKENHUIS LEIDEN H.O.D.N. LUMC, NL
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[54] **DEVICE CONTROL SYSTEM, METHOD, AND APPARATUS**
[54] **SYSTEME, PROCEDE ET APPAREIL DE COMMANDE DE DISPOSITIFS**
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[54] **A COMPOUND COMPRISING AN AUTOANTIGENIC PEPTIDE AND A CARRIER WITH A MHC BINDING MOTIF**
[54] **COMPOSE COMPRENANT UN PEPTIDE AUTOANTIGENIQUE ET UN VECTEUR COMPORTANT UN MOTIF DE LIAISON MHC**
[72] HOLMDAHL, RIKARD, SE
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[54] **FOOD PRODUCTS COMPRISING A SLOWLY DIGESTIBLE OR DIGESTION RESISTANT CARBOHYDRATE COMPOSITION**
[54] **PRODUITS ALIMENTAIRES INCLUANT UNE COMPOSITION D'HYDRATE DE CARBONE RESISTANTE A LA DIGESTION OU A DIGESTIBILITE LENTE**
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[54] **IMMUNE RESPONSE MODIFIER FORMULATIONS CONTAINING OLEIC ACID AND METHODS**
[54] **PREPARATIONS A BASE DE MODIFICATEURS DE LA REPONSE IMMUNITAIRE CONTENANT DE L'ACIDE OLEIQUE, ET METHODES ASSOCIEES**
[72] STATHAM, ALEXIS S., US
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[54] **SUPPORT GRID PLATFORM FOR SUPPORTING VEHICLES OVER ECOLOGICALLY SENSITIVE TERRAIN**
[54] **PLATE-FORME A GRILLE ASSURANT LE SUPPORT DE VEHICULES SUR UN TERRAIN A PROTEGER**
[72] SLATER, WILLIAM B., US
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[54] **COMPOSITION BASED ON ZIRCONIUM OXIDE AND CERIUM OXIDE, WITH A HIGH REPRODUCIBILITY AND A STABLE SPECIFIC SURFACE AREA, METHOD OF PREPARATION AND USE IN THE TREATMENT OF EXHAUST GASES**
[54] **COMPOSITION A BASE D'OXYDE DE ZIRCONIUM ET D'OXYDE DE CERIUM A REDUCTIBILITE ELEVEE ET A SURFACE SPECIFIQUE STABLE, PROCEDE DE PREPARATION ET UTILISATION DANS LE TRAITEMENT DES GAZ D'ECHAPPEMENT**
[72] VERDIER, STEPHAN, FR
[72] LARCHER, OLIVIER, FR
[72] ROHART, EMMANUEL, FR
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[54] **PEPTIDE COMPOUNDS FOR TREATING REFRACTORY STATUS EPILEPTICUS**
[54] **COMPOSES PEPTIDIQUES DESTINES AU TRAITEMENT DE L'ETAT DE MAL EPILEPTIQUE REFRACTAIRE**
[72] STOEHR, THOMAS, DE
[73] UCB PHARMA GMBH, DE
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[72] SIEBENALLER, MICHAEL J., US
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[72] KOVACH, JOSEPH E., US
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[54] **PROCEDE ET SYSTEME DE COMMUNICATION D'INFORMATIONS DE REPARATION DE VEHICULES A UN SYSTEME INFORMATIQUE DE GESTION DE RESERVATIONS DE VEHICULES DE LOCATION D'ENTREPRISE**
[72] SMITH, DAVID GARY, US
[72] MILLER, OWEN R., US
[72] KLOPFENSTEIN, ANITA K., US
[72] DITTMAR, RUSSELL E., US
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[54] **COMPOSITIONS INEDITES ET METHODES DE TRAITEMENT DES MALADIES HYPERPROLIFERANTES**
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[54] **METHODE ET DISPOSITIF DE GESTION DE L'ENERGIE D'UN VEHICULE COMPORTANT UN EQUIPEMENT DE TRAVAIL AUXILIAIRE**
[72] ANNEZER, ERIC, FR
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[54] **METHODE MULTIPARAMETRE HAUTE SENSIBILITE POUR ANALYSE D'EVENEMENT RARE DANS UN ECHANTILLON BIOLOGIQUE**
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[72] GROSS, STEVEN, US
[72] KELLY, JAMES MICHAEL, US
[72] COUMANS, FRANK, NL
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[54] **COMPOSITIONS COMPRENANT DU CARISOPRODOL, ET LEURS PROCEDES D'UTILISATION**
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[72] SACKS, HARRY J., US
[72] ROECKLEIN, BRYAN A., US
[72] JOHNS, BENJAMIN, US
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[54] **ANTICORPS PERMETTANT DE DETERMINER LE FRAGMENT F2/F1+2 DE LA PROTHROMBINE DANS UN IMMUNOESSAI HOMOGENE**
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[72] BARTEN, ROLAND, DE
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[73] L & P PROPERTY MANAGEMENT COMPANY, US
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[54] **DISPOSITIF DE REFROIDISSEMENT THERMOELECTRIQUE A HAUT RENDEMENT ET METHODE DE FONCTIONNEMENT**
[72] PINET, CLAUDE, CA
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[72] SANDSTROM, JOEL LEE, US
[72] JOHNSTON, GENE, US
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[54] **UTILISATION D'UN EXTRAIT AQUEUX DE PEPINS DE RAISIN EN ASSOCIATION AVEC AU MOINS UN SEL DE FLUOR CONTRE LA FORMATION OU L'ACCUMULATION DU BIOFILM DENTAIRE ET LES COMPOSITIONS COMPRENANT CETTE ASSOCIATION**
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[72] SUTHERLAND, GARNETTE, CA
[72] FIELDING, TIM, CA
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[54] **PROCEDE DE PRODUCTION DE VAPEUR ET INSTALLATION DE RECUPERATION AMELIOREE DE PETROLE**
[72] BETZER-ZILEVITCH, MAOZ, CA
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[54] **ARCHITECTURE, SYSTEME, PROCEDE ET PRODUIT-PROGRAMME INFORMATIQUE D'ETABLISSEMENT D'UN PROFIL DE CONNAISSANCE PERTINENT ASSOCIATIF**
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[54] **INDICATEUR D'ANGLE POUR LA MESURE DES DIMENSIONS D'UN SAC CAPSULAIRE**
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[72] GERAGHTY, EDWARD, US
[72] ZALESKI, EDWARD, US
[73] ABBOTT MEDICAL OPTICS INC., US
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[54] **BONDE AVEC MECANISME DE VERROUILLAGE**
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[54] **PRODUITS DE CONFISERIE ET DE BOISSONS SURGELES**
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[72] HODDLE, ANDREW, GB
[72] MITCHELL, ELLEN SIOBHAN, NL
[72] PLEASANTS, MICHAEL WILLIAM, GB
[73] UNILEVER PLC, GB
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[73] UNIVERSITY OF MARYLAND, BALTIMORE, US
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[54] **SYSTEME DE PROTECTION POUR SONDE DE TRANSFORMATEUR MULTICAUX**
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[73] WESTON AEROSPACE LIMITED, GB
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[72] ROBICHEAU, RICHARD E., US
[72] RZASA, MICHAEL, US
[73] BURNDY TECHNOLOGY LLC, US
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[54] **SYSTEM, PROGRAM PRODUCT, AND METHOD FOR DRILLING RIG ACTIVITY ACCOUNTING AND VISUALIZATION**
[54] **SYSTEME, PRODUIT PROGRAMME, ET PROCEDE PERMETTANT LA VISUALISATION ET LA PRISE EN COMPTE D'UN APPAREIL DE FORAGE**
[72] VESTAL, WESLEY C., US
[72] BLUE, DANIEL DUNCAN III, US
[72] SADLIER, ANDREAS, US
[72] ARANGO, GUILLERMO, US
[73] BAKER HUGHES INCORPORATED, US
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[54] **PROCEDE D'ENREGISTREMENT CHRONOLOGIQUE DE DONNEES DE PERFORMANCE DU SYSTEME DE SUSPENSION D'UN VEHICULE**
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[54] **AUBE DE TURBINE A AUBES AMOVIBLES**
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[72] MIHAI, NICOLETA, CA
[72] ROLAND, SAMANTHA M., CA
[72] HALFYARD, KURT I., CA
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[54] **DISPOSITIFS REVETUS ET PROCEDE DE FABRICATION DE DISPOSITIFS REVETUS QUI REDUISENT LA PROLIFERATION DE CELLULES DE MUSCLE LISSE ET L'ACTIVITE PLAQUETTAIRE**
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[72] WANG, YUANFEI, CA
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[54] **SYSTEME GLOBAL DE STOCKAGE ET DE TRANSPORT DE GAZ NATUREL DANS UN MILIEU LIQUIDE D'HYDROCARBURES LEGERS**
[72] HALL, BRUCE, US
[72] MORRIS, IAN, CA
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[54] **AGENTS CHIMIOTHERAPEUTIQUES A BASE DE DISULFURE ET PROCEDES POUR LES UTILISER**
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[73] FORD GLOBAL TECHNOLOGIES, LLC., US
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[54] **DISPOSITIFS ET METHODE DE STABILISATION DE BANDE EN MOUVEMENT**
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[54] **SYNTHESE D'IODIXANOL DANS DU 1-METHOXYPROPAN-2-OL ET DE L'EAU OU DU METHANOL**
[72] HOMESTAD, OLE MAGNE, NO
[73] GE HEALTHCARE AS, NO
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[54] **ENSEMBLE DE SCELLAGE POUR PLATEAU DE PRESSION DANS UN BLOC OBTURATEUR DE PUITS**
[72] FOOTE, DEAN, CA
[73] FOOTE, DEAN, CA
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[54] **RESILIENT CORES WITH CONVECTION BARRIERS PARTICULARLY FOR INFLATABLE BODIES AND METHODS FOR MAKING THE SAME**
[54] **NOYAUX RESILIENTS AVEC BARRIERES DE CONVECTION, EN PARTICULIER POUR DES CORPS GONFLABLES, ET LEURS PROCEDES DE FABRICATION**
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[54] **PELLICULE MEMBRANAIRE MULTICOUCHE MICROPOREUSE A BASE DE POLYPROPYLENE DESTINEE A DES BATTERIES AYANT UNE FONCTION DE COUPURE**
[72] MOHR, THILO, DE
[72] BUSCH, DETLEF, DE
[72] SCHMITZ, BERTRAM, FR
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[54] **UTILISATION D'UNE COMBINAISON DE DELTA-9-TETRAHYDROCANNBINOL ET DE CANNABIDIOL DANS LE TRAITEMENT CONTRE LE CANCER DU CERVEAU**
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[54] **MODIFICATION D'ATTRIBUTS D'AVATAR DESTINE A UN SYSTEME DE JEU AU MOYEN D'UNE INTERFACE DE MODERATEUR**
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[54] **LAVE-VAISSELLE EQUIPE D'UN DISPOSITIF DE PULVERISATION VARIABLE ET METHODE D'ORIENTATION DU PATRON DE PULVERISATION DUDIT APPAREIL**
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[54] **PROCEDE DE PROGRAMMATION DES REGLAGES D'UNE PEDALE ET DE CONTROLE DES PERFORMANCES OBTENUES PAR ACTIONNEMENT DE LA PEDALE**
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[54] **ETALONNAGE DE DISPOSITIF SEMI-AUTOMATIQUE**
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[54] **PURIFICATION DE TAXANES ET MELANGES DE TAXANE AVEC RESINES LIEES PAR POLYETHYLENEIMINE**
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[72] DAHL, FLEMMING, DK
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[54] **COMPOSITIONS PESTICIDES RENFERMANT DES PYRETHROIDES EPIMERISABLES STABLES, DES PESTICIDES RENFERMANT UNE AMINE ET UN ACIDE CARBOXYLIQUE**
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[54] **SYSTEME ET PROCEDE DE CINTRAGE UTILISES DANS LA FABRICATION DE STRUCTURES CONIQUES OU CYLINDRIQUES**
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[54] **SYSTEMES A CHARBON ACTIF POUR FACILITER L'UTILISATION OU LE TRAITEMENT AVEC DU SULFOXYDE DE DIMETHYLE (DMSO)**
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[54] **PROCEDE DE MODULATION DE L'ACTIVITE ANTAGONISTE D'UN ANTICORPS MONOCLONAL**
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[54] **COMPOSITIONS POUR GREFFE DE TYPE « A PARTIR DE » ANTI-THROMBOGENES, ANTIMICROBIENNES ET ANTI-ENCRASSEMENT**
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[72] SQUIER, TREVOR, US
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[72] O'SHAUGHNESSEY, WILLIAM SHANNAN, US
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[73] CERES INTELLECTUAL PROPERTY COMPANY LIMITED, GB
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[54] **DISPOSITIF ET PROCEDE POUR DETERMINER LA VITESSE D'UN VEHICULE TERRESTRE A ROUES A PARTIR DE MESURES D'UN CHAMP MAGNETIQUE**
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[73] SYSNAV, FR
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[54] **SYSTEME DE TELECOMMUNICATIONS ET DE TRAITEMENT DES APPELS ET PROCEDES CONNEXES DANS UN RESEAU WI-FI**
[72] HILLIER, PETER MATTHEW, CA
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[73] MITEL NETWORKS CORPORATION, CA
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[54] **DISPOSITIFS DE LUTTE CONTRE LES INCENDIES DU TYPE A BRUMISATION, SYSTEMES ET PROCEDES**
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[72] LEBLANC, DAVID J., US
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[72] GARCIA MARTINEZ, RAFAEL ALBERTO, CA
[72] LAMBERT, REGINALD, CA
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[54] **BACTERIE PRODUISANT DE L'EQUOL ET SON UTILISATION**
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[72] MA, JIANGLEI, CA
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[54] **TRANSITION D'UN APPEL D'URGENCE A COMMUTATION DE PAQUETS ENTRE UN RESEAU D'ACCES SANS FIL D'UN PREMIER TYPE ET UN RESEAU D'ACCES SANS FIL D'UN SECOND TYPE**
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[73] TYCO ELECTRONICS CORPORATION, US
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[72] DONHOWE, DANIEL PAUL, US
[72] FU, XIAOPING, US
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[54] **METHODES DE DIFFUSION DE VIDEO EN CONTINU**
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[72] VAN DER LAAN, ROGER, US
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[54] **PROCEDE ET STRUCTURATION D'UNE SURFACE DE CORPS SOLIDE A REVETEMENT DUR AU MOYEN D'UN LASER A MASQUE ET MEMBRANE**
[72] BOEGLI, CHARLES, CH
[72] WEISSMANTEL, STEFFEN, DE
[72] REISSE, GUENTER, DE
[72] ENGEL, ANDY, DE
[72] BOETTCHER, RENE, DE
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[54] **PRODUIT DE FIBRE VEGETALE ET METHODE DE FABRICATION CONNEXE**
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[72] HUEBINETTE, FREDRIK, SE
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[72] STONE, RAY D., US
[72] MARTIN, SCOTT A., US
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[73] UD HOLDINGS, LLC, US
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[54] **AGENTS POUR LA LUTTE CONTRE LES MOLLUSQUES**
[72] ASOLKAR, RATNAKAR, US
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[54] **SYSTEME DE COMMUNICATION A DETERMINATION DU SENS DES TRANSFERTS DE DONNEES BASEE SUR LES MOUVEMENTS ET PROCEDES CONNEXES**
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[54] **POLYMERE CONSTITUE D'UN POLYMERE FONCTIONNALISE AMINE PRIMAIRE ET D'UNE HEMICELLULOSE**
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[73] PETROTECHNOLOGIES, INC., US
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[54] **PARTICULES RECOMBINANTES DE TYPES VIRUS CODEES PAR UN VECTEUR DE GENES MULTIPLES**
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[54] **DISTRIBUTEUR DE PRODUIT EN FEUILLE**
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[72] CORNELL, ROBERT W., US
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[54] **CAPSULE PERMETTANT LA CONFECTION D'UN PRODUIT NUTRITIONNEL ET INCLUANT UN FILTRE**
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[72] ABRAHAM, SOPHIE, FR
[72] DOUDIN, YASMINE, CH
[72] EPARS, YANN, CH
[72] FABOZZI, THIERRY JEAN ROBERT, CH
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[54] **SYSTEMES ET PROCEDES DE NAVIGATION ET D'ENTREE ALPHANUMERIQUES**
[72] PETERSON, BRIAN CRAIG, US
[73] ROVI GUIDES, INC., US
[85] 2011-11-14
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[54] **MATERIAU D'EMBALLAGE COMPRENANT DES PARTIES MAGNETISABLES**
[72] HOLMSTROEM, GERT, SE
[73] TETRA LAVAL HOLDINGS & FINANCE S.A., CH
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[54] **CARTOUCHE DE BOISSON AVEC PROTECTION DE FILTRE**
[72] BEAULIEU, RODERICK H., US
[72] WUERTELE, JAMES W., US
[73] KEURIG GREEN MOUNTAIN, INC., US
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[54] **DISPOSITIF POUR TENIR AU CHAUD, DIVISER EN PORTIONS ET DISTRIBUER UN PRODUIT ALIMENTAIRE**
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[54] **CHAUFFE-EAU AU GAZ AVEC ECHAPPEMENT**
[72] ENGLISH, STEPHEN T., US
[72] HASBARGEN, MICHAEL R., US
[72] COLOMA, ANTHONY J., US
[72] BELKO, JOHN R. (DECEASED), US
[73] A. O. SMITH CORPORATION, US
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[72] ONSOEYEN, EDVAR, NO
[72] MYRVOLD, ROLF, NO
[72] DESSEN, ARNE, NO
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[72] WALSH, TIMOTHY, GB
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[54] **PROCEDES ET APPAREIL DE RETENUE DE JAMBE D'OUTIL DE FOND DE TROU**
[72] BHOME, AMOL, US
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[73] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[72] VANDEN BUSSCHE, KURT M., US
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[72] BEHRMANN, LAWRENCE A., US
[72] CAMPBELL, JERRY D., US
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[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **METHOD OF PRODUCING A COMPOSITE MATERIAL USING A MIXING SYSTEM**
[54] **PROCEDE DE PRODUCTION D'UN MATERIAU COMPOSITE METTANT EN OEUVRE UN SYSTEME DE MELANGE**
[72] HICKS, STEVEN, US
[72] BOWER, DAVID KENNETH, US
[72] HANDLOS, WILLIAM G., US
[72] KAUL, JOE, US
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[54] **SYSTEME DE COMMANDE DE LA POSITION DU MOYEU DE DECOUPE DANS UN DISPOSITIF DE PRODUCTION DE GRANULES IMMERGE**
[72] HURT, DAVID W., US
[72] VELTEL, JUERGEN, DE
[72] AHOLT, MARTIN, DE
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[72] SPROUSE, JOHN P., US
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[54] **FORME GALENIQUE INVIOLABLE STABILISEE A L'OXYDATION**
[72] BARNSCHEID, LUTZ, DE
[72] GALIA, ERIC, DE
[72] SCHWIER, SEBASTIAN, DE
[72] BERTRAM, ULRIKE, DE
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[54] **NEBULISEUR POUR NOURRISSONS ET PATIENTS ATTEINTS DE PROBLEMES RESPIRATOIRES**
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[72] FLEMING, SCOTT, US
[72] CHAN, PHILIP, US
[73] MICRODOSE THERAPEUTX, INC., US
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[54] **SYSTEME INTERACTIF DE SIMULATION DE RECHERCHE DE TRESORS**
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[73] FENIX OUTDOOR AB, SE
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[25] FR
[54] **METHOD FOR PRODUCING METHANE-RICH STREAM AND C2+ HYDROCARBON-RICH STREAM, AND RELATED FACILITY**
[54] **PROCEDE DE PRODUCTION D'UN COURANT RICHE EN METHANE ET D'UN COURANT RICHE EN HYDROCARBURES EN C2+, ET INSTALLATION ASSOCIEE**
[72] GAHIER, VANESSA, FR
[72] GOURIOU, JULIE, FR
[72] BARTHE, LOIC, FR
[72] THIEBAULT, SANDRA, FR
[73] TECHNIP FRANCE, FR
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[73] MOGAS INDUSTRIES, INC., US
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[54] **TAMPER-RESISTANT DOSAGE FORM FOR OXIDATION-SENSITIVE OPIOIDS**
[54] **FORME GALENIQUE INVIOLABLE POUR DES OPIOIDES SENSIBLES A L'OXYDATION**
[72] BARTHOLOMAEUS, JOHANNES, DE
[72] GEISSLER, ANJA, DE
[72] BERTRAM, ULRIKE, DE
[72] GRIESSMANN, KORNELIA, DE
[72] BICANE, FATIMA, DE
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[54] **DISPOSITIF DE FIXATION DE PANNEAU A DEVERROUILLAGE RAPIDE**
[72] BENTRIM, BRIAN, US
[72] MALONEY, MICHAEL, US
[73] PEM MANAGEMENT, INC., US
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[54] **LIGNE DE TRAITEMENT ELECTROMAGNETIQUE**
[72] CAKMAK, MUKERREM, US
[73] THE UNIVERSITY OF AKRON, US
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[54] **METHOD FOR MAKING A CORE HAVING BUILT-IN CROSS-LINKING FIBERS FOR COMPOSITE MATERIAL PANELS, RESULTING PANEL, AND DEVICE**
[54] **PROCEDE DE REALISATION D'UNE AME AVEC FIBRES DE PONTAGE INTEGREES POUR PANNEAUX EN MATERIAUX COMPOSITES, PANNEAU OBTENU ET DISPOSITIF**
[72] KLETHI, THIERRY, FR
[72] PINAN, FREDERIC, US
[73] SAERTEX FRANCE, FR
[85] 2012-01-20
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[54] **PROCEDE POUR LE TRAITEMENT D'ETHYLENE**
[72] BOLTON, LESLIE WILLIAM, GB
[72] GRACEY, BENJAMIN PATRICK, GB
[72] LEE, MICHAEL KEITH, GB
[73] BP P.L.C., GB
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[54] PROCEDE POUR LA PRODUCTION DE BUTADIENE
[72] SONG, RUOZHI, US
[72] ARNOLD, STEPHEN CRAIG, US
[72] GAFFNEY, ANNE MAE, US
[72] KARAS, LAWRENCE JOHN, US
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[73] ALCOA OF AUSTRALIA LIMITED, AU
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[54] NOUVEAUX COMPOSES SE LIANT AU FXR (NR1 H4) ET MODULANT SON ACTIVITE
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[72] ABEL, ULRICH, DE
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[73] GILEAD SCIENCES, INC., US
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[54] ELEMENT DE RACCORDEMENT POUR CONDUCTEURS ELECTRIQUES ET PROCEDE DE GAINAGE D'UN ELEMENT DE RACCORDEMENT DE CE TYPE
[72] NASS, ANDREAS, DE
[73] HARTING ELECTRIC GMBH & CO. KG, DE
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[54] **RESPIRATEUR A PURIFICATION D'AIR COMPORTANT DES CONDUITS D'INHALATION ET D'EXHALATION POUR REDUIRE LE TAUX DE TRANSMISSION D'AGENTS PATHOGENES**
[72] MORGAN, JUDGE WOODROW, III, US
[72] STAUBS, AMY ELIZABETH, US
[72] PARHAM, MICHAEL, US
[72] OWENS, SIONED, GB
[72] ROBERTS, GARETH, GB
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[54] **SECTION DE COMMANDE DE REGULATION DE VITESSE AVEC SOUPAPE A SECURITE INTEGREE**
[72] LUDLOW, JED, US
[72] LAURSEN, PAUL, CA
[72] GLASS, KEITH, CA
[72] WARKENTIN, JONATHAN, CA
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[54] **APPAREIL A VITESSE DIFFERENTIELLE DOTE D'ARBRES PRODUISANT UN LIEN LATERAL CONTINU ET DISCONTINU, ET UTILISATIONS CONNEXES**
[72] MCCABE, JOHN A., US
[72] ANDREWS, ROBERT E., US
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[54] **PROCEDES ET DISPOSITIFS POUR LA PRODUCTION DE CYANOPYRIDINES**
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[72] PIANZOLA, DANIEL, CH
[73] LONZA LTD, CH
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[54] **CAPUCHON ISOLANT POUR LA DEVELOPPANTE D'UNE MACHINE ELECTRIQUE FONCTIONNANT A TENSION ELEVEE ET MACHINE MUNIE D'UN TEL CAPUCHON ISOLANT**
[72] HUWYLER, MARKUS, CH
[72] KOEPFLER, ANDREAS, DE
[72] KLAMT, THOMAS, CH
[73] GE RENEWABLE TECHNOLOGIES, FR
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[54] **APPLICATION DE VOYAGE POUR LES AGENTS FONCTIONNANT SUR LES APPAREILS INFORMATIQUES MOBILES**
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[72] GRIGG, NATHAN, US
[72] RAYBACK, GEOFFREY PAUL, US
[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[72] LAM, TONY M., CA
[72] FARQUHARSON, KEITH DAVID, CA
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[54] **PROCEDE POUR LA PREPARATION DE CALCOBUTROL**
[72] PLATZEK, JOHANNES, DE
[72] TRENTMANN, WILHELM, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
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[54] **PROCEDE ET MACHINE AMELIORES PERMETTANT DE PREPARER DU CAFE EXPRESSO**
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[72] ELLUL-BLAKE, JACOB, US
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[54] **PROCESS FOR THE RECOVERY OF HEAVY OIL FROM AN UNDERGROUND RESERVOIR**
[54] **PROCEDE POUR LA RECUPERATION D'HUILE LOURDE A PARTIR D'UN RESERVOIR SOUTERRAIN**
[72] DEL GAUDIO, LUCILLA, IT
[72] PRATESI, CLAUDIO RICCARDO, IT
[72] BELLONI, ALESSANDRA, IT
[72] MORONI, IOLE, IT
[73] ENI S.P.A., IT
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[54] **PROCESS FOR THE PREPARATION OF 5-(2-AMINO-PYRIMIDIN-4-YL)-2-ARYL-1H-PYRROLE-3-CARBOXAMIDES**
[54] **PROCEDE POUR L'ELABORATION DE 5-(2-AMINO-PYRIMIDIN-4-YL)-2-ARYL-1H-PYRROLE-3-CARBOXAMIDES**
[72] D'ANELLO, MATTEO, IT
[72] RE, MARCO, IT
[73] NERVIANO MEDICAL SCIENCES S.R.L., IT
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[54] **ACRYLATES DE POLYOL UTILISABLES DANS DES ENCRES DURCISSABLES PAR ENERGIE**
[72] YIN, SCOTT, US
[72] O'BRIEN, MICHAEL EDWARD, US
[72] WANG, MINGZHE, US
[73] STEPAN COMPANY, US
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[54] **DISPOSITIF MEDICAL, APPAREIL, ET METHODE CHIRURGICALE**
[72] WENGER, ANDREAS, CH
[72] MAYER, JORG, CH
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[72] MOYER, DANIEL GLEN, US
[73] FISHER CONTROLS INTERNATIONAL LLC, US
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[54] **PROCEDE DE PRODUCTION DE DABIGATRAN ETEXILATE**
[72] GNAD, FRIEDER, DE
[72] DACH, ROLF, DE
[72] HEDDESHEIMER, INGO, DE
[72] HEITGER, HELMUT, DE
[72] MEINECK, SIEGFRIED, DE
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[72] SCHMITT, STEFAN, DE
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[54] **HANDWRITTEN INPUT/OUTPUT SYSTEM, HANDWRITING INPUT SHEET, INFORMATION INPUT SYSTEM, AND INFORMATION INPUT ASSISTANCE SHEET**
[54] **SYSTEME D'ENTREE/SORTIE MANUSCRITES, FEUILLE D'ENTREE MANUSCRITE, SYSTEME D'ENTREE D'INFORMATIONS, ET FEUILLE D'AIDE A L'ENTREE D'INFORMATIONS**
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[54] **COMPLEXES DNL (« DOCK-AND-LOCK ») DESTINES A L'ADMINISTRATION D'ARN INTERFERANT**
[72] CHANG, CHIEN-HSING, US
[72] GOLDENBERG, DAVID M., US
[73] IBC PHARMACEUTICALS, INC., US
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[72] NAKAZAWA, KIYOSHI, JP
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[54] **COMPOSITIONS COMPRENANT DES ACIDES AMINES POUR LE TRAITEMENT DE LA BRONCHOPNEUMOPATHIE CHRONIQUE OBSTRUCTIVE**
[72] CONTI, FRANCO (DECEASED), IT
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[72] BINDER, IAN, GB
[73] CRANE MERCHANDISING SYSTEMS, INC., US
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[72] BALLAROTTI, MARIO, IT
[73] P.E. LABELLERS S.P.A., IT
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[54] **DERIVES DE 8-HYDROXYQUINOLINE-7-CARBOXAMIDE TERTIAIRE ET SES UTILISATIONS**
[72] GAGLIARDI, STEFANIA, IT
[72] DEL SORDO, SIMONE, IT
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[54] **PREPARATION ENDERMIQUE CONTENANT DU PIROXICAM**
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[72] INOO, KATSUYUKI, JP
[73] TEIKOKU SEIYAKU CO., LTD., JP
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[54] **AGENT REACTIF LIANT DE PROMEDICAMENT A CASCADE POLYMERIQUE AROMATIQUE**
[72] HERSEL, ULRICH, DE
[72] RAU, HARALD, DE
[72] SCHNEPF, ROBERT, DE
[72] VETTER, DIRK, DE
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[54] **PROCEDE DE PRODUCTION D'UN PHOTOMASQUE SUR UNE SURFACE PHOTOPOLYMERE**
[72] FRENKEL, MOSHE, IL
[72] MAZUZ, YAACOV, IL
[72] BEREZIN, OLEG, IL
[72] IVANOVA, NATALIA, IL
[73] DIGIFLEX LTD., IL
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[54] **CARBONATE D'HYDROXYDE DE MAGNESIUM COMPRESSIBLE PAR VOIE DIRECT**
[72] DOHMEN, MARIANNE, DE
[72] FIEDLER, RALF, DE
[72] MUELLER, HEIKE, DE
[72] KLATYK, JENS, DE
[72] PETH, HANS-KURT, DE
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[54] **LASER FEMTOSECONDE DE FORTE PUISSANCE AYANT UNE FREQUENCE DE REPETITION REGLABLE EN FONCTION DE LA VITESSE DE BALAYAGE**
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[54] **RESEAU DE DISTRIBUTION DE FIBRE OPTIQUE POUR UNITES RESIDENTIELLES MULTIPLES**
[72] CASSELL, DANIEL A., US
[72] DAGLEY, MARK R., US
[72] HARVEY, GERRY J., US
[72] RODRIGUEZ, DIANA, US
[72] WORKS, ANTWAN J., US
[73] CORNING OPTICAL COMMUNICATIONS LLC, US
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[72] RADAKOVIC, BOGDAN, US
[72] TODIC, NIKOLA, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **DISPOSITIF POUR L'OBTENTION DE FIBRES CERAMIQUES ENDUITES PAR VOIE LIQUIDE D'UNE GAINE METALLIQUE EPAISSE**
[72] FRANCHET, JEAN-MICHEL PATRICK MAURICE, FR
[72] KLEIN, GILLES CHARLES CASIMIR, FR
[72] SANCHEZ, GERALD, FR
[73] SNECMA, FR
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[54] **COMPOSES DE THIENO [2,3-C] QUINOLIN-ONE TRICYCLIQUES ET LEUR UTILISATION COMME INHIBITEURS DE PBK**
[72] NAKAMURA, YUSUKE, JP
[72] MATSUO, YO, JP
[72] HISADA, SHOJI, JP
[72] AHMED, FERYAN, US
[72] HUNTLEY, RAYMOND, US
[72] SAJJADI-HASHEMI, ZOHREH, US
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[72] GAUUAN, POLIVINA JOLICIA F., US
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[54] **DIFFERENCIATION QUANTITATIVE DE PEPTIDES A RESTRICTION HLA TRAITES NATURELLEMENT DANS LE BUT DE DEVELOPPER UNE IMMUNOTHERAPIE POUR LES CANCERS, LES MALADIES AUTO-IMMUNES ET LES MALADIES INFECTIEUSES**
[72] WEINSCHENK, TONI, DE
[72] FRITSCHE, JENS, DE
[73] IMMATICS BIOTECHNOLOGIES GMBH, DE
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[54] **THERAPEUTIC AGENT OR PROPHYLACTIC AGENT FOR FIBROMYALGIA**
[54] **AGENT THERAPEUTIQUE OU AGENT PROPHYLACTIQUE POUR LA FIBROMYALGIE**
[72] YOSHIDA, CHIHIRO, JP
[72] NAKAO, KAORU, JP
[73] TORAY INDUSTRIES, INC., JP
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[54] **COIFFURE, ET PROCEDE D'UTILISATION ASSOCIE**
[72] NIEDERER, EDWARD, III, US
[72] MEBANE, ROBERT EUGENE, III, US
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **BAGUE AUTOLUBRIFIANTE D'ARTICULATION DESTINEE A ETRE MONTEE SUR UN AXE**
[72] MASSE, EMMANUEL, FR
[72] VILLEMAGNE, PATRICK, FR
[72] CHADUIRON, ERIC, FR
[73] H.E.F., FR
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[54] **MANAGING BACKUP SETS BASED ON USER FEEDBACK**
[54] **GESTION D'ENSEMBLES DE SAUVEGARDE FONDEE SUR LA RETROACTION D'UTILISATEURS**
[72] BROWN, ANDREW PETER, GB
[72] FLOWERS, JEFFREY C., US
[72] MCISAAC, JESSICA ANN, US
[72] FRIEND, DAVID, US
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[54] **SYSTEME DE COMPRESSEUR D'AIR ET SON PROCEDE DE FONCTIONNEMENT**
[72] FIELD, GRANT ANDREW, AU
[72] TANNER, SIMO, US
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[54] **STOMA STABILITATING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE STABILISATION DE STOMIES**
[72] VILLANI, MARIO, US
[72] CAPPABIANCA, LEO, US
[72] MERRILL, DAVID A., US
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[54] **ENSEMBLE ET PROCEDE POUR LA STIMULATION DE FRACTURES MULTI-ZONALES DANS DES UNITES TUBULAIRES AUTONOMES DE RESERVOIR**
[72] TOLMAN, RANDY C., US
[72] ENTCHEV, PAVLIN B., US
[72] ANGELES BOZA, RENZO M., US
[72] PETRIE, DENNIS H., US
[72] SEARLES, KEVIN H., US
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[54] **GESTIONNAIRE DE RESTAURATION**
[72] JAMES, MARTYN ROLAND, US
[72] BROWN, ANDREW PETER, GB
[72] MCISAAC, JESSICA ANN, US
[72] STAPP, MICHAEL EDWARD, US
[72] MORGAN, ROBERT IAN, US
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[54] **SPECTROMETRE DE MASSE ELECTROSTATIQUE A IMPULSIONS FREQUENTES CODEES**
[72] VERENCHIKOV, ANATOLY, RU
[73] LECO CORPORATION, US
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[25] FR
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[54] **PALIER DE ROULEMENT POUR TURBOREACTEUR D'AERONEF EQUIPE DE MOYENS DE RETENTION AXIALE DE SA BAGUE EXTERIEURE**
[72] ANTUNES, SERGE LOUIS, FR
[72] BRAULT, MICHEL, FR
[73] SNECMA, FR
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[54] **PROCEDE DE TRAITEMENT D'UN MATERIAU DE TYPE SOL**
[72] LAUKKANEN, ANTTI, FI
[72] TEIRFOLK, JAN-ERIK, FI
[72] ALAKUKKU, LAURA, FI
[72] SARKIA, MARTTI, FI
[72] HARTIKAINEN, HELINAE, FI
[73] UPM-KYMMENE CORPORATION, FI
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[54] PROCEDE DE PRODUCTION DE LIGANDS DE L'AMYLOIDE BETA MARQUES AU 18F
[72] BERNDT, MATHIAS, DE
[72] FRIEBE, MATTHIAS, DE
[72] SAMSON, FABRICE, KR
[72] BRAUN, RAINER, DE
[72] GARKE, GUNNAR, DE
[72] PATT, MARIANNE, DE
[72] SCHILDAN, ANDREAS, DE
[72] SMUDA, CHRISTOPH, CH
[73] PIRAMAL IMAGING SA, CH
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[54] FLUOROPOLYMERE COMPOSITE A FONCTION D'ECHANGE IONIQUE, SON PROCEDE DE PREPARATION ET SON UTILISATION
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[54] SOURIS EXPRIMANT UNE CHAINE LEGERE INCLUANT DES REGIONS VARIABLES LAMBDA HUMAINES ET DES REGIONS CONSTANTES MURINES
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[72] VANDERLINDEN, JOSEPH D., US
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[54] **BRIDES ROBUSTES EN PLACAGE PARTIELLEMENT COMPRESSE ET SYSTEMES D'ANCRAGE UTILISANT CELLES-CI**
[72] HOHMANN, RONALD P., JR., US
[73] MITEK HOLDINGS, INC., US
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[72] WILLIAMS, STEPHEN ALARIC, US
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[54] **SYSTEME ET PROCEDE DE CAPTURE ET D'ANALYSE DE MOUVEMENT D'UN DISPOSITIF PORTABLE SANS FIL**
[72] BENTLEY, MICHAEL, US
[72] BOSE, BHASKAR, US
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[54] **PROCEDE D'ETABLISSEMENT DE MODE DE COEXISTENCE, EQUIPEMENT UTILISATEUR, STATION DE BASE ET SYSTEME ASSOCIE**
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[72] WANG, XIN, CN
[72] ZHANG, YUANTAO, CN
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[54] **COMPOSITIONS REVITALISANTES POUR LA PEAU SANS RINCAGE A L'ETAT NON SOLIDE CONTENANT DE L'ACIDE 12-HYDROXYSTEARIQUE**
[72] BARROW, STEPHEN ROY, US
[72] CROTTY, BRIAN ANDREW, US
[72] DOBKOWSKI, BRIAN JOHN, US
[72] HARICHIAN, BIJAN, US
[72] LIU, YINGJUAN, CN
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[54] **PROCEDE ET APPAREIL DE FRAGMENTATION DES IONS EN PHASE GAZEUSE**
[72] PARK, MELVIN ANDREW, US
[72] KAPLAN, DESMOND ALLEN, US
[73] BRUKER DALTONICS, INC., US
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[72] MACKNIK, STEPHEN L., US
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[72] JENSEN, ERIK D., US
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[72] STANEK, MARK W., US
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[54] **PROCEDES ET SYSTEME DE FOURNITURE DE CONTENU A UN DISPOSITIF DE COMMUNICATION MOBILE**
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[72] SIRCAR, SHILADITYA, CA
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[72] MOLLINS, PATRICK, CA
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[54] **CONFIGURATION DE DISPOSITIFS DE TELECOMMANDE A L'AIDE DE CODES MATRICIELS**
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[72] MARTCH, HENRY GREGG, US
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[72] BRAULT, VIVIANNE, CA
[73] BRAULT, VIVIANNE, CA
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[54] **COMMUNICATION ET DEFENSE OPTIMALES (HYPER-VITESSE) BASEES SUR UN RESEAU**
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[72] GUERNSEY, DANIEL, US
[72] RICE, MASON, US
[73] THE UNIVERSITY OF TULSA, US
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[54] **MODULATION D'IMPULSION CODEE QUANTIFIEE DANS UN CODAGE VIDEO**
[72] SOLE ROJALS, JOEL, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
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[72] MADSEN, CASEY LYN, US
[72] CLINGMAN, DANIEL JOHN, US
[72] MABE, JAMES H., US
[72] CALKINS, FREDERICH THEODORE, US
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[54] **PROTEINE DE FUSION POUR L'ANTAGONISATION DE FACTEURS INDUCTIBLES PAR L'ANGIOGENESE ET SES UTILISATIONS**
[72] FANG, JIANMIN, CN
[72] LI, DONG, CN
[73] YANTAI RONGCHANG BIOTECHNOLOGIES CO., LTD., CN
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[54] **SYSTEMES ET PROCEDES POUR LA RECHERCHE DANS DES DOCUMENTS BASEE SUR DES PARAGRAPHES**
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[72] STEINER, DAVID, US
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[54] **AGRAFE DE GARNITURE DE FENETRE ET DE PORTE**
[72] MASSEY, VICTOR, US
[73] MILGARD MANUFACTURING INCORPORATED, US
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[54] **PROCEDES PERMETTANT DE PROPOSER DES SERVICES D'AUTOASSISTANCE GRACE A DES INFORMATIONS EN PROVENANCE D'UNE SOURCE VIRALE**
[72] TUCHMAN, KENNETH D., US
[72] SHARPE, BRUCE A., US
[72] TRUONG, HENRY D., US
[72] RAHN, ALAN B., US
[73] TELETECH HOLDINGS, INC., US
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[54] **BEVERAGE CONTAINER LID WITH MOUTH OPENING AND SEPARATE PUSH IN VENT**
[54] **COUVERCLE DE CONTENANT DE BOISSON AYANT UNE OUVERTURE DE COL ET UN EVENT SEPARE A POUSSER VERS L'INTERIEUR**
[72] THIEMANN, DANIEL ALAN, CA
[72] TOMS, RAY ALAN, US
[73] CROWN PACKAGING TECHNOLOGY, INC., US
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[54] **ADHESIF REACTIF POUR TOIT**
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[73] ADCO PRODUCTS, LLC, US
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[54] **KEY AND KEYWAY CONNECTORS**
[54] **RACCORDS POUR CLAVETTE ET RAINURE DE CLAVETTE**
[72] PETTIGREW, JOHN HAMISH ALEXANDER, AU
[72] CAMERON, DEAN OSMAN, AU
[72] PERCY, THOMAS DAVID, AU
[73] JOINLOCK PTY LTD, AU
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[54] **THICKENED VISCOELASTIC FLUIDS AND USES THEREOF**
[54] **FLUIDES VISCOELASTIQUES EPAISSIS ET LEURS UTILISATIONS**
[72] GADBERRY, JAMES F., US
[72] ENGEL, MICHAEL J., US
[72] NOWAK, JOHN DOUGLAS, US
[72] ZHOU, JIAN, US
[72] WANG, XIAOYU, US
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[54] **MALWARE ANALYSIS SYSTEM**
[54] **SYSTEME D'ANALYSE DE LOGICIELS MALVEILLANTS**
[72] XIE, HUAGANG, US
[72] WANG, XINRAN, US
[72] LIU, JIANGXIA, US
[73] PALO ALTO NETWORKS, INC., US
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[54] **COMPOSITIONS AND METHODS FOR PRODUCING A COMPOSITION**
[54] **COMPOSITIONS ET PROCEDES DE PRODUCTION D'UNE COMPOSITION**
[72] LEISTER, KIRK J., US
[72] SCHAEFER, EUGENE J., US
[72] BATES, RONALD, US
[72] BRAMHALL, ELIZABETH A., US
[72] DIDIO, DAVID M., US
[72] DONALDSON, ROBERT, US
[72] FLESHER, ALAN R., US
[72] HAGGERTY, HELEN G., US
[72] KIRKLEY, DAVID H., US
[72] TABOR, JOHN M., US
[72] TAY, LEE K., US
[72] THAMMANA, PALLAIAH, US
[72] VELAYUDHAN, AJOY, US
[72] SMOLIN, DAVID E., US
[72] RUSSELL, REB J., US
[72] VANDEN BOOM, THOMAS, US
[72] SCHRIMSHER, JEFFREY, US
[72] WHITEHEAD, JOYCE, US
[72] BROWNELL, DEAN, US
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[54] **TIME WARP ACTIVATION SIGNAL PROVIDER, AUDIO SIGNAL ENCODER, METHOD FOR PROVIDING A TIME WARP ACTIVATION SIGNAL, METHOD FOR ENCODING AN AUDIO SIGNAL AND COMPUTER PROGRAMS**
[54] **DISPOSITIF DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, CODEUR DE SIGNAUX AUDIO, PROCEDE DE FOURNITURE DE SIGNAUX D'ACTIVATION D'ALIGNEMENT TEMPOREL, PROCEDE DE CODAGE D'UN SIGNAL AUDIO ET PROGRAMMES INFORMATIQUES**
[72] BAYER, STEFAN, DE
[72] DISCH, SASCHA, DE
[72] GEIGER, RALF, DE
[72] FUCHS, GUILLAUME, DE
[72] NEUENDORF, MAX, DE
[72] SCHULLER, GERALD, DE
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[54] **LOADING DEVICES AND METHODS OF LOADING PIPE FUSION MACHINES**
[54] **DISPOSITIFS ET PROCEDES DE CHARGEMENT DE MACHINES DE FUSION DE TUBE**
[72] MCKINLEY, RICHARD S., US
[73] FAST FUSION, LLC, US
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[54] **SECURE RAISED ACCESS FLOOR SERVICE BOX AND SYSTEM**
[54] **COFFRET DE BRANCHEMENT ET SYSTEME SECURISES POUR FAUX-PLANCHER**
[72] ISAACKS, SCOTT J., US
[72] VAN BEVEREN, STEVEN M., CA
[73] DIRTT ENVIRONMENTAL SOLUTIONS, LTD., CA
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[54] **MOORING ASSEMBLY FOR A VESSEL**
[54] **ENSEMBLE D'AMARRAGE POUR NAVIRE**
[72] OTTOLINI, PATRIZIO GIOVANNI MATIA, NL
[73] BLUEWATER ENERGY SERVICES B.V., NL
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[25] EN
[54] **ABRIDGED MULTIPOLE STRUCTURE FOR THE TRANSPORT, SELECTION AND TRAPPING OF IONS IN A VACUUM SYSTEM**
[54] **STRUCTURE MULTIPOLE SIMPLIFIEE POUR LE TRANSPORT, LA SELECTION ET LE PIEGEAGE D'IONS DANS UN SYSTEME A VIDE**
[72] PARK, MELVIN, US
[73] BRUKER DALTONICS, INC., US
[85] 2013-11-29
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[25] EN
[54] **USE OF XANTHOPHYLL CAROTENOIDS TO IMPROVE VISUAL PERFORMANCE AND NEURAL EFFICIENCY**
[54] **UTILISATION DE CAROTENOIDES XANTHOPHYLLES POUR AMELIORER LA PERFORMANCE VISUELLE ET L'EFFICACITE NEURALE**
[72] RENZI, LISA M., US
[72] HAMMOND, BILLY R., US
[73] UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC., US
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[54] **HIGH-STRENGTH AIRCRAFT INTERIOR PANEL WITH EMBEDDED INSERT**
[54] **PANNEAU INTERIEUR D'AERONEF A HAUTE RESISTANCE COMPORTANT UN INSERT INCORPORE**
[72] RUONAVAARA, KEVIN, US
[72] HOHENSEE, RYAN, US
[72] GRIEVE, JAMES C., US
[73] B/E AEROSPACE, INC, US
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[54] **INFUSION CHECK VALVE FOR MEDICAL DEVICES**
[54] **SOUPAPE UNIDIRECTIONNELLE DE PERFUSION POUR DISPOSITIFS MEDICAUX**
[72] WINSOR, CHRIS, US
[73] NEXUS MEDICAL, LLC, US
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[54] **PRESSURE COMPENSATION SYSTEM FOR A MOTOR BEARING ASSEMBLY**
[54] **SYSTEME DE COMPENSATION DE PRESSION POUR UN DISPOSITIF DE PALIER DE MOTEUR**
[72] MARCHAND, NICHOLAS, CA
[73] NATIONAL OILWELL VARCO, L.P., US
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[54] **VERTICALLY INTERLEAVED DISTRIBUTED ANTENNA SYSTEM**
[54] **SYSTEME D'ANTENNE DISTRIBUEE A ENTRELACEMENT VERTICAL**
[72] CHAN, PHILLIP MAN WAI, CA
[72] DRAPER, MARC-ERIC THOMAS, CA
[72] CHEN, PENG, CA
[72] CHANG, PHING CHU, CA
[73] ROGERS COMMUNICATIONS INC., CA
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[54] **FLEXIBLE LIGHTING DEVICE**
[54] **DISPOSITIF D'ECLAIRAGE FLEXIBLE**
[72] BROOKS, TIMOTHY WEBSTER, US
[72] MARX, MARTIN J., US
[72] PEREZ-BOLIVAR, CESAR, US
[72] ROBERTS, JAMES E., US
[72] JONES, SCOTT J., US
[73] GROTE INDUSTRIES, LLC, US
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[25] EN
[54] **CODING OF TRANSFORM COEFFICIENTS FOR VIDEO CODING**
[54] **CODAGE DE COEFFICIENTS DE TRANSFORMEE POUR LE CODAGE VIDEO**
[72] SOLE ROJALS, JOEL, US
[72] JOSHI, RAJAN LAXMAN, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-02-04
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[54] **HEEL TRACTION AID AND METHOD OF MANUFACTURE THEREFOR**
[54] **AIDE A LA TRACTION DU TALON ET PROCEDE DE FABRICATION POUR CELUI-CI**
[72] LARSON, JON C., US
[72] LARSON, VAN B., US
[73] SURE FOOT CORPORATION, US
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[54] **COMMUNICATION BUOY AND METHOD OF DEPLOYMENT**
[54] **BOUEE DE COMMUNICATION ET PROCEDE DE DEPLOIEMENT**
[72] POINTER, STEPHEN, GB
[72] PURNELL, DARYL, GB
[72] GALLIVER, WESLEY JOHN, GB
[72] MONCUR, STEPHEN GEORGE, GB
[73] ATLAS ELEKTRONIK UK LTD, GB
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[54] **USE OF ARSENIC COMPOUNDS FOR TREATMENT OF PAIN AND INFLAMMATION**
[54] **UTILISATION DE COMPOSES A L'ARSENIC POUR LE TRAITEMENT DE LA DOULEUR ET DES INFLAMMATIONS**
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[72] YANG, YONG-JIN, KR
[73] PANAPHIX INC., US
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[87] (2845292)
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[54] **APPARATUS AND METHOD FOR IDENTIFYING HIGH RISK NON-CERAMIC INSULATORS (NCI) WITH CONDUCTIVE OR HIGH PERMITTIVITY DEFECTS**
[54] **APPAREIL ET PROCEDE D'IDENTIFICATION DE MATERIAUX ISOLANTS NON CERAMIQUES (NCI) A RISQUE ELEVE AYANT DES DEFAUTS DE CONDUCTIVITE OU PERMITTIVITE ELEVEE**
[72] PHILLIPS, ANDREW JOHN, US
[72] MAJOR, J. MARK, US
[72] LYNCH, ROBERT C., US
[72] BEVERLY, PHILLIP NATHAN, US
[72] HARRELL, SAM, US
[73] ELECTRIC POWER RESEARCH INSTITUTE, INC., US
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[54] **COMPOSES TRIAZOLOPYRIDINES EN TANT QU'INHIBITEURS DE PDE10A**
[72] FLOHR, ALEXANDER, DE
[72] GROEBKE ZBINDEN, KATRIN, CH
[72] KOERNER, MATTHIAS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **SYSTEMS AND METHODS FOR PROVIDING A TOOLBOX**
[54] **SYSTEMES ET PROCEDES POUR FOURNIR UNE BOITE A OUTILS**
[72] BATTCHER, DUANE MICHAEL, US
[72] RIGGS, DAVID BRENT, US
[72] NOEL, LESLIE AMMERMAN, US
[72] DONAN, JAMES LYLE, US
[73] DONAN ENGINEERING CO., INC., US
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[54] **METERING SYSTEM AND METHODS FOR AEROSOL DELIVERY**
[54] **SYSTEME ET PROCEDES POUR MESURER UNE ADMINISTRATION D'AEROSOL**
[72] ALTOBELLI, DAVID E., US
[72] BEAVIS, RUSSELL, US
[72] GRAY, LARRY B., US
[72] HOWLETT, DAVID J., US
[72] KANE, DEREK G., US
[72] LANIGAN, RICHARD J., US
[73] DEKA PRODUCTS LIMITED PARTNERSHIP, US
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[54] **UTILITY ACCESSORY/TOOL CARRIER SYSTEM**
[54] **SYSTEME DE TRANSPORT D'OUTILS ET D'ACCESSOIRES D'UTILITE**
[72] GOODHEART, SHELDON, CA
[73] GOODHEART, SHELDON, CA
[86] (2850772)
[87] (2850772)
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[54] **LOG SPLITTING APPARATUS HAVING LOG SPLITTER FRAME WITH STRIPPER PLATES**
[54] **FENDEUSE DE BUCHES POURVUE D'UN CADRE DE FENDEUSE DE BUCHES DOTE DE PLAQUES DE DEVETISSAGE**
[72] BANJO, DANIEL, US
[73] FRICTIONLESS WORLD LLC, US
[86] (2850939)
[87] (2850939)
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[54] **AMINOQUINAZOLINE DERIVATIVES AND THEIR SALTS AND METHODS OF USE**
[54] **DERIVES D'AMINOQUINAZOLINE ET LEURS SELS. ET METHODES D'UTILISATION**
[72] ZHANG, JIANCUN, CN
[72] ZHANG, YINGJUN, CN
[72] ZHANG, WEIHONG, CN
[72] LIU, BING, CN
[72] ZHANG, JIQUAN, CN
[72] LIU, JINLEI, CN
[72] ZHANG, LU, CN
[73] SUNSHINE LAKE PHARMA CO., LTD., CN
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[54] **METHOD FOR HYDROCARBON RECOVERY USING HEATED LIQUID WATER INJECTION WITH RF HEATING**
[54] **PROCEDE POUR LA RECUPERATION DES HYDROCARBURES GRACE A L'INJECTION D'EAU LIQUIDE CHAUFFEE UTILISANT LE CHAUFFAGE PAR RADIOFREQUENCE**
[72] TRAUTMAN, MARK ALAN, US
[72] SULTENFUSS, DANIEL, US
[73] HARRIS CORPORATION, US
[73] CONOCOPHILLIPS COMPANY, US
[85] 2014-04-10
[86] 2012-10-08 (PCT/US2012/059186)
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[51] **Int.Cl. A47G 19/22 (2006.01)**
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[54] **POLYMERIC REPLACEMENT FOR A GLASS DRINKING CONTAINER**
[54] **REMPLACEMENT POLYMERE POUR UN RECIPIENT DE BOISSON EN VERRE**
[72] FENELON, PAUL J., US
[73] CAILIS, LLC, US
[85] 2014-04-14
[86] 2012-10-18 (PCT/US2012/060696)
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[54] **TONER COMPOSITION**
[54] **COMPOSITION DE TONER**
[72] MORALES-TIRADO, JUAN, A, US
[72] KUMAR, SAMIR, US
[72] ZONA, MIKE, US
[73] XEROX CORPORATION, US
[86] (2852332)
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[54] **SURGICAL LOCATION MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE DE CHAMP OPERATOIRE**
[72] DAON, EHUD, CA
[73] NAVIGATE SURGICAL TECHNOLOGIES INC., CA
[85] 2014-04-16
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[51] **Int.Cl. H04R 3/04 (2006.01)**
[25] EN
[54] **A METHOD AND DEVICE OF CHANNEL EQUALIZATION AND BEAM CONTROLLING FOR A DIGITAL SPEAKER ARRAY SYSTEM**
[54] **PROCEDE ET APPAREIL D'EGALISATION DES CANAUX ET DE COMMANDE DU FAISCEAU D'UN SYSTEME NUMERIQUE A RESEAU DE HAUT-PARLEURS**
[72] MA, DENGYONG, CN
[73] SUZHOU SONAVOX ELECTRONICS CO., LTD, CN
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[86] 2011-12-28 (PCT/CN2011/084794)
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[25] EN
[54] **SCALABLE COMPRESSED AUDIO BIT STREAM AND CODEC USING A HIERARCHICAL FILTERBANK AND MULTICHANNEL JOINT CODING**
[54] **TRAIN DE BITS AUDIO A COMPRESSION ECHELONNEE ; CODEUR/DECODEUR UTILISANT UN BANC DE FILTRE HIERARCHIQUE ET CODAGE CONJOINT MULTICANAL**
[72] SHMUNK, DMITRY V., RU
[72] BEATON, RICHARD J., CA
[73] DTS (BVI) LIMITED, VG
[86] (2853987)
[87] (2853987)
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[51] **Int.Cl. G03G 15/06 (2006.01)**
[25] EN
[54] **TONER CARTRIDGE HAVING A SHUTTER LOCK MECHANISM**
[54] **CARTOUCHE DE TONER AYANT UN MECANISME DE VERROU D'OBTURATEUR**
[72] NEWMAN, BENJAMIN KEITH, US
[72] ROGERS, MATTHEW LEE, US
[72] VOWELS, CHRISTOPHER GENE, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2014-05-01
[86] 2012-11-15 (PCT/US2012/065152)
[87] (WO2013/101351)
[30] US (13/340,876) 2011-12-30

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[51] **Int.Cl. F03D 13/20 (2016.01) E02D 27/42 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR ANCHORING A WIND TURBINE**
[54] **DISPOSITIF ET PROCEDE POUR ANCRER UNE INSTALLATION EOLIENNE**
[72] SCHACKNIES, MEIK, DE
[72] GORALSKI, CLAUS, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2014-05-05
[86] 2012-11-16 (PCT/EP2012/072922)
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[30] DE (10 2011 087 022.9) 2011-11-24

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[51] **Int.Cl. B68G 5/02 (2006.01) A47C 7/18 (2006.01) A47C 27/15 (2006.01) A61G 5/10 (2006.01) B32B 3/08 (2006.01) B32B 7/04 (2006.01)**
[25] EN
[54] **CUSHIONING DEVICES WITH INTERNAL SHEAR ABSORBING LAYER**
[54] **DISPOSITIFS DE MATELASSAGE DOTES D'UNE COUCHE INTERNE D'ABSORPTION DU CISAILLEMENT**
[72] SAUNDERS, KEVIN, CA
[72] ATKINSON, JENIFER, CA
[73] 5 MINDS MOBILITY INC., CA
[85] 2014-05-07
[86] 2012-12-03 (PCT/CA2012/050869)
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[51] **Int.Cl. B01D 17/032 (2006.01)**
[25] EN
[54] **DENSITY PHASE SEPARATION DEVICE**
[54] **DISPOSITIF DE SEPARATION DE PHASES PAR DENSITE**
[72] CRAWFORD, JAMIESON W., US
[72] ATTRI, RAVI, US
[72] BATTLES, CHRISTOPHER A., US
[72] HIRES, GREGORY R., US
[72] BARTFELD, BENJAMIN R., US
[73] BECTON, DICKINSON AND COMPANY, US
[86] (2856509)
[87] (2856509)
[22] 2010-05-14
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[51] **Int.Cl. F21V 5/04 (2006.01) F21L 4/00 (2006.01) F21V 14/06 (2006.01) F21V 17/02 (2006.01)**
[25] EN
[54] **LIGHT EMITTING AND RECEIVING DEVICE**
[54] **DISPOSITIF EMETTEUR ET RECEPTEUR DE LUMIERE**
[72] FORD, TIMOTHY D.F., CA
[73] 9609385 CANADA INC., CA
[86] (2857896)
[87] (2857896)
[22] 2007-02-12
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[51] **Int.Cl. A62B 35/00 (2006.01)**
[25] EN
[54] **FALL ARRESTING SYSTEM**
[54] **MECANISME D'ARRET DE CHUTE**
[72] MYER, JERRY, CA
[73] 1827642 ALBERTA LTD., CA
[86] (2858416)
[87] (2858416)
[22] 2014-08-05
[30] US (14/331,488) 2014-07-22

[11] **2,858,568**
[13] C
[51] **Int.Cl. A01K 1/00 (2006.01)**
[25] EN
[54] **SELF-CLOSING STALL FOR AN ANIMAL**
[54] **STALLE A FERMETURE AUTOMATIQUE POUR UN ANIMAL**
[72] LOOS, KEVIN, CA
[72] MARTIN, DAN, CA
[73] CANARM LTD., CA
[86] (2858568)
[87] (2858568)
[22] 2014-08-06
[30] US (61/862,665) 2013-08-06

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[25] EN
[54] **COMPOUNDS ACTING AT MULTIPLE PROSTAGLANDIN RECEPTORS GIVING A GENERAL ANTI-INFLAMMATORY RESPONSE**
[54] **COMPOSES AYANT UN EFFET SUR DE MULTIPLES RECEPTEURS DES PROSTAGLANDINES ET PERMETTANT D'OBTENIR UNE REPONSE ANTI-INFLAMMATOIRE GENERALE**
[72] CARLING, WILLIAM R., GB
[72] MARTOS, JOSE L., GB
[72] KANGASMETSA, JUSSI J., GB
[72] WANG, JENNY W., US
[72] WOODWARD, DAVID F., US
[73] ALLERGAN, INC., US
[85] 2014-06-23
[86] 2012-12-19 (PCT/US2012/070701)
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[13] C
[51] **Int.Cl. E21B 21/12 (2006.01) E21B 17/02 (2006.01) E21B 47/00 (2012.01) E21B 47/01 (2012.01)**
[25] EN
[54] **WIRED OR PORTED TRANSMISSION SHAFT AND UNIVERSAL JOINTS FOR DOWNHOLE DRILLING MOTOR**
[54] **ARBRE DE TRANSMISSION CABLE OU MUNI D'ORIFICES ET JOINTS UNIVERSELS POUR MOTEUR DE FORAGE DE FONDS DE TROU**
[72] ALTIMAS, GREGORY RICHARD, CA
[72] GURJAR, RISHI SHANKAR, CA
[72] WENT, ANDREW, CA
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2860408)
[87] (2860408)
[22] 2014-08-22
[30] US (13/974,257) 2013-08-23

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[13] C
[51] **Int.Cl. G01N 15/08 (2006.01) C09K 8/487 (2006.01) E21B 43/22 (2006.01) E21B 49/00 (2006.01) G01N 3/00 (2006.01)**
[25] EN
[54] **METHODS RELATING TO PREDICTING SUBTERRANEAN FORMATION DAMAGE FROM DEFORMABLE ADDITIVES**
[54] **PROCEDES SE RAPPORTANT A LA PREDICTION DES DEGATS DANS UNE FORMATION SOUTERRAINE DUS A DES ADDITIFS DEFORMABLES**
[72] MAXEY, JASON ERIC, US
[72] VAN ZANTEN, RYAN MATTHEW, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-07-03
[86] 2013-02-05 (PCT/US2013/024715)
[87] (WO2013/122772)
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[25] EN
[54] **ETOMIDATE AND METOMIDATE DERIVATIVES AND THEIR USE AS ANESTHETICS**
[54] **DERIVES D'ETOMIDATE ET DE METOMIDATE ET LEUR UTILISATION COMME ANESTHESIANTS**
[72] RAINES, DOUGLAS E., US
[72] HUSAIN, SYED SHAUKAT, US
[72] RANDLE, JOHN C.R., US
[73] THE GENERAL HOSPITAL CORPORATION, US
[73] ANNOVATION BIOPHARMA, INC., US
[85] 2014-07-11
[86] 2013-01-11 (PCT/US2013/021245)
[87] (WO2013/106717)
[30] US (61/586,450) 2012-01-13
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[13] C
[51] **Int.Cl. C22C 38/06 (2006.01) B21D 22/20 (2006.01) C21D 1/18 (2006.01) C21D 8/02 (2006.01) C21D 9/00 (2006.01) C21D 9/46 (2006.01) C22C 38/58 (2006.01) C23C 2/06 (2006.01) C23C 2/12 (2006.01) C23C 2/28 (2006.01)**
[25] EN
[54] **HOT STAMPED STEEL AND METHOD FOR PRODUCING HOT STAMPED STEEL**
[54] **ARTICLE MOULE PAR ESTAMPAGE A CHAUD ET PROCEDE DE PRODUCTION D'UN ARTICLE MOULE PAR ESTAMPAGE A CHAUD**
[72] NONAKA, TOSHIKI, JP
[72] KATO, SATOSHI, JP
[72] KAWASAKI, KAORU, JP
[72] TOMOKIYO, TOSHIMASA, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-07-08
[86] 2013-01-11 (PCT/JP2013/050385)
[87] (WO2013/105633)
[30] JP (2012-004550) 2012-01-13

[11] **2,863,269**
[13] C
[51] **Int.Cl. B23B 31/11 (2006.01)**
[25] EN
[54] **SCREW-IN TOOL AND TOOL HOLDER FOR SUCH A SCREW-IN TOOL**
[54] **OUTIL A VISSER ET LOGEMENT D'OUTIL POUR UN TEL OUTIL A VISSER**
[72] HAIMER, FRANZ, DE
[73] FRANZ HAIMER MASCHINENBAU KG, DE
[85] 2014-07-30
[86] 2013-01-23 (PCT/EP2013/051243)
[87] (WO2013/117431)
[30] DE (10 2012 100 976.7) 2012-02-07

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[13] C
[51] **Int.Cl. B25J 15/06 (2006.01) B23P 19/06 (2006.01)**
[25] EN
[54] **ELONGATED MEMBER CHUCKING APPARATUS AND ELONGATED MEMBER CHUCKING METHOD**
[54] **DISPOSITIF DE MANDRIN POUR ELEMENT EN FORME DE TIGE, ET PROCEDE CORRESPONDANT**
[72] IKEDA, YUSUKE, JP
[72] NAKAMURA, MIKIO, JP
[72] INAGAKI, TAKAHIRO, JP
[72] IKEDA, YOSUKE, JP
[72] KONDO, YUJI, JP
[72] FUNATO, TOSHIYUKI, JP
[72] YONEDA, TAKAYUKI, JP
[72] OSAKA, HIROMI, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2014-07-30
[86] 2013-01-31 (PCT/JP2013/052149)
[87] (WO2013/115299)
[30] JP (2012-021770) 2012-02-03

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[13] C
[51] **Int.Cl. B29C 70/46 (2006.01) B64C 1/06 (2006.01) B64C 3/18 (2006.01)**
[25] EN
[54] **METHODS FOR MANUFACTURING AN I-STRINGER OF AN AIRCRAFT AND DEVICES FOR USE IN SUCH METHODS**
[54] **PROCEDES DE FABRICATION D'UN LONGERON EN I D'UN AERONEF ET DISPOSITIFS POUR UTILISATION DANS DE TELS PROCEDES**
[72] AITKEN, CHARLES, US
[72] AUTRY, BRENDEN, US
[73] GULFSTREAM AEROSPACE CORPORATION, US
[86] (2864310)
[87] (2864310)
[22] 2014-09-22
[30] US (14/066,376) 2013-10-29

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[13] C
[51] **Int.Cl. C12Q 1/04 (2006.01)**
[25] EN
[54] **GRAM STAINING METHOD WITH IMPROVED DECOLORIZATION OF THE CRYSTAL VIOLET-IODINE COMPLEX FROM GRAM NEGATIVE BACTERIA**
[54] **PROCEDE DE COLORATION GRAM AVEC UNE DECOLORATION AMELIOREE DU CRISTAL VIOLET-COMPLEXE D'IODE A PARTIR DE BACTERIES GRAM NEGATIF**
[72] WEIDNER, CHARLES, US
[72] CONNOLLY, CYNTHIA, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2014-08-13
[86] 2013-02-22 (PCT/EP2013/053510)
[87] (WO2013/139554)
[30] US (61/612,520) 2012-03-19

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[13] C
[51] **Int.Cl. H05K 1/18 (2006.01)**
[25] EN
[54] **Z-DIRECTED PRINTED CIRCUIT BOARD COMPONENTS HAVING CONDUCTIVE CHANNELS FOR REDUCING RADIATED EMISSIONS**
[54] **COMPOSANTS DE CARTE DE CIRCUITS IMPRIMES ORIENTES DANS LA DIRECTION Z AYANT DES CANAUX CONDUCTEURS POUR REDUIRE DES EMISSIONS RAYONNEES**
[72] HARDIN, KEITH BRYAN, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2014-08-14
[86] 2013-03-28 (PCT/US2013/034285)
[87] (WO2013/148953)
[30] US (13/433,355) 2012-03-29

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[13] C
[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **AIRCRAFT PASSENGER SUITE WITH COMBINATION BED**
[54] **MINI-COMPARTIMENT INDIVIDUEL A SIEGE CONVERTIBLE EN LIT POUR PASSAGER D'AVION**
[72] WALLACE, ANDREW GORDON, GB
[72] RUTTER, PAUL BENEDICT, GB
[72] MITCHELL, ANDREW DAVID, GB
[72] PLANT, TOMMY GEORGE, US
[72] POZZI, ALEXANDER NICHOLAS, US
[73] B/E AEROSPACE, INC., US
[85] 2014-09-03
[86] 2013-03-13 (PCT/US2013/030794)
[87] (WO2013/138442)
[30] US (61/610,529) 2012-03-14
[30] US (61/610,521) 2012-03-14

[11] 2,866,713
[13] C
[51] **Int.Cl. B22D 11/112 (2006.01) B22D 41/60 (2006.01)**
[25] EN
[54] **CONTINUOUS CASTING EQUIPMENT**
[54] **MATERIEL DE COULEE CONTINUE**
[72] BRANDT, MATHIEU, BE
[72] FISCHBACH, JEAN-PAUL, BE
[72] NAVEAU, PAUL, BE
[73] ARCELORMITTAL INVESTIGACION Y DESARROLLO SL, ES
[85] 2014-09-08
[86] 2012-03-28 (PCT/IB2012/000623)
[87] (WO2013/144667)

[11] 2,866,844
[13] C
[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **PREMIUM CLASS AIRCRAFT PASSENGER SUITE**
[54] **SALON DE CLASSE A TARIF MAJORE POUR PASSAGERS D'AVION**
[72] ROUND, MATT, GB
[72] DARBYSHIRE, MARTIN, GB
[72] PRICE, OLLIE, GB
[72] TRETOUT, LUCAS, GB
[72] HE, WEIWEI, GB
[72] PLANT, TOMMY GEORGE, US
[72] POZZI, ALEXANDER NICHOLAS, US
[72] JOHNSON, GLEEN ALLEN, US
[73] B/E AEROSPACE, INC., US
[85] 2014-09-09
[86] 2013-03-13 (PCT/US2013/030699)
[87] (WO2013/142172)
[30] US (61/612,623) 2012-03-19
[30] US (61/612,651) 2012-03-19
[30] US (61/612,543) 2012-03-19
[30] US (61/613,558) 2012-03-21
[30] US (61/613,551) 2012-03-21

[11] 2,867,012
[13] C
[51] **Int.Cl. A23P 10/30 (2016.01) A23L 5/00 (2016.01) A23L 27/00 (2016.01) A23L 33/115 (2016.01) A23D 7/00 (2006.01) A23L 2/52 (2006.01)**
[25] EN
[54] **AQUEOUS PRODUCT COMPRISING OIL-CONTAINING MICROCAPSULES AND METHOD FOR THE MANUFACTURE THEREOF**
[54] **PRODUIT AQUEUX COMPRENANT DES MICROCAPSULES CONTENANT DE L'HUILE ET PROCEDE DE FABRICATION DE CELUI-CI**
[72] GIVEN, PETER S., JR., US
[72] TROMP, ROBERT HANS, NL
[73] PEPSICO, INC., US
[85] 2014-09-10
[86] 2013-01-31 (PCT/US2013/024111)
[87] (WO2013/141964)
[30] US (13/425,941) 2012-03-21

[11] 2,867,122
[13] C
[51] **Int.Cl. B64D 1/08 (2006.01) B64D 17/00 (2006.01)**
[25] EN
[54] **SUPPLY PACKS AND METHODS AND SYSTEMS FOR MANUFACTURING SUPPLY PACKS**
[54] **EMBALLAGE D'ALIMENTATION ET PROCEDES ET SYSTEMES DE FABRICATION DES EMBALLAGES D'ALIMENTATION**
[72] POTTER, JEFFREY J., US
[72] MEDLIN, MATTHEW J., US
[72] KONCZAL, GREG J., US
[72] MCDONNELL, RORY T., US
[73] THE SKYLIFE COMPANY, INC., US
[85] 2014-09-11
[86] 2013-03-15 (PCT/US2013/031991)
[87] (WO2013/138703)
[30] US (61/611,831) 2012-03-16
[30] US (61/680,928) 2012-08-08
[30] US (61/746,383) 2012-12-27

[11] 2,867,677
[13] C
[51] **Int.Cl. A47F 7/00 (2006.01) B65H 49/32 (2006.01) B65H 49/38 (2006.01)**
[25] EN
[54] **THREAD STORAGE ASSEMBLIES AND SYSTEMS**
[54] **ASSEMBLAGES DE STOCKAGE DE FILS ET SYSTEME**
[72] FASINO, DOMINIC, US
[72] ERCOLE, EMMANUEL, US
[72] NIMGULKAR, MILIND SAHEBRAO, IN
[72] LIHVARCIK, LAUREN, US
[72] JONES, THOMAS, US
[72] ESPINOSA, ESPINOSA, EDWARD S., US
[72] BRINTON, DANIEL W., US
[72] NIXON, TAMMY, US
[72] HANSON, REBECCA, US
[73] CLAIRSON, INC., US
[86] (2867677)
[87] (2867677)
[22] 2014-10-09
[30] IN (3381/CHE/2014) 2014-07-08
[30] US (14/471,139) 2014-08-28

[11] 2,868,041
[13] C
[51] **Int.Cl. H04B 7/26 (2006.01)**
[25] EN
[54] **INTERFERENCE NOTIFICATION IN DEVICE-TO-DEVICE COMMUNICATION**
[54] **NOTIFICATION DE BROUILLAGE EN COMMUNICATION DE DISPOSITIF A DISPOSITIF**
[72] LI, HONGGANG, CN
[72] LI, QINGHUA, US
[72] HUANG, RUI, CN
[72] FWU, JONG-KAE, US
[72] ZHU, YUAN, CN
[72] CHEN, XIAOGANG, CN
[72] DAVYDOV, ALEXEI, RU
[73] INTEL CORPORATION, US
[85] 2014-09-19
[86] 2013-04-10 (PCT/US2013/035999)
[87] (WO2013/155198)
[30] US (61/624,185) 2012-04-13
[30] US (61/646,223) 2012-05-11
[30] US (13/665,715) 2012-10-31

[11] 2,868,092
[13] C
[51] **Int.Cl. B65D 1/00 (2006.01) B29C 49/06 (2006.01) B65D 65/40 (2006.01)**
[25] EN
[54] **STRETCHED AND FOAMED PLASTIC FORMED BODY HAVING APPEARANCE OF A METAL COLOR**
[54] **ARTICLE MOULE, REALISE EN MOUSSE DE PLASTIQUE ETIREE, ET PRESENTANT UN ASPECT METALLIQUE**
[72] AKUZAWA, NORIO, JP
[72] ICHIKAWA, KENTAROU, JP
[72] KOISO, NOBUHISA, JP
[72] NOMURA, TETSURO, JP
[72] IINO, HIROKI, JP
[73] TOYO SEIKAN GROUP HOLDINGS, LTD., JP
[85] 2014-09-22
[86] 2013-03-04 (PCT/JP2013/055832)
[87] (WO2013/146109)
[30] JP (2012-069581) 2012-03-26
[30] JP (2012-219310) 2012-10-01

[11] 2,868,410
[13] C
[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **TONER CARTRIDGE HAVING ENGAGEMENT FEATURES TO ACTUATE A DEVELOPER UNIT SHUTTER**
[54] **CARTOUCHE DE TONER AYANT DES ELEMENTS DE PRISE POUR ACTIONNER UN OBTURATEUR D'UNITE DE DEVELOPPEMENT**
[72] BAKER, RONALD WILLARD, US
[72] BROWN, STEPHEN ANDREW, US
[72] LEEMHUIS, MICHAEL CRAIG, US
[72] MERRIFIELD, DAVID LEE, US
[73] LEXMARK INTERNATIONAL, INC., US
[85] 2014-09-24
[86] 2013-04-26 (PCT/US2013/038342)
[87] (WO2013/165830)
[30] US (13/459,313) 2012-04-30

[11] 2,868,573
[13] C
[51] **Int.Cl. H04W 4/00 (2009.01) H04W 84/18 (2009.01) B60S 5/00 (2006.01) G01M 17/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **VEHICLE DIAGNOSTIC SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES DE DIAGNOSTIC DE VEHICULE**
[72] MARSHALL, PAUL A., US
[72] LAGGES, JEFFREY W., US
[73] ALLDATA LLC, US
[86] (2868573)
[87] (2868573)
[22] 2014-10-24
[30] US (61/895283) 2013-10-24

[11] 2,868,723
[13] C
[51] **Int.Cl. H04N 19/59 (2014.01) H04N 19/174 (2014.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR VIDEO ENCODING FOR EACH SPATIAL SUB-AREA, AND METHOD AND APPARATUS FOR VIDEO DECODING FOR EACH SPATIAL SUB-AREA**
[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO DE CHAQUE SOUS-ZONE SPATIALE ET PROCEDE ET APPAREIL DE DECODAGE DE CHAQUE SOUS-ZONE SPATIALE**
[72] LEE, TAMMY, KR
[72] CHOI, BYEONG-DOO, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[85] 2014-09-26
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[72] RACINE, EMILIEN, CA
[73] LES CHANTIERS CHIBOUGAMAU LTEE, CA
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[54] **ULTRAVIOLET CURABLE RESIN COMPOSITION, SLIDING MEMBER, AND METHOD FOR PRODUCING SLIDING MEMBER**
[54] **COMPOSITION DE RESINE POUVANT DURCIR AUX ULTRAVIOLETS, ELEMENT COULISSANT ET SON PROCEDE DE FABRICATION**
[72] KARAKI, TADAHIKO, JP
[72] MATSUMOTO, KUNIHIRO, JP
[72] SAGIYAMA, KOICHIRO, JP
[73] MINEBEA CO., LTD., JP
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[54] **FORMULATION LIQUIDE**
[72] BOVA, NICHOLAS, AU
[72] PAGE, STEPHEN, AU
[72] PIPPIA, GIUSEPPE, AU
[73] LUODA PHARMA PTY LTD, AU
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[54] **COMPRESSION AND DECOMPRESSION CONTROL SYSTEM AND VASCULAR STRENGTHENING METHOD**
[54] **SYSTEME DE COMMANDE DE COMPRESSION ET DE DECOMPRESSION ET PROCEDE DE RENFORCEMENT VASCULAIRE**
[72] SATO, YOSHIAKI, JP
[73] KAATSU JAPAN CO., LTD., JP
[85] 2014-11-24
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[54] **VIDEO PREDICTIVE ENCODING DEVICE, VIDEO PREDICTIVE ENCODING METHOD, VIDEO PREDICTIVE ENCODING PROGRAM, VIDEO PREDICTIVE DECODING DEVICE, VIDEO PREDICTIVE DECODING METHOD, AND VIDEO PREDICTIVE DECODING PROGRAM**
[54] **DISPOSITIF DE CODAGE PREDICTIF DE VIDEO, PROCEDE DE CODAGE PREDICTIF DE VIDEO, PROGRAMME DE CODAGE PREDICTIF DE VIDEO, DISPOSITIF DE DECODAGE PREDICTIF DE VIDEO, PROCEDE DE DECODAGE PREDICTIF DE VIDEO, PROGRAMME DE DECODAGE PREDICTIF DE VIDEO**
[72] TAKIUE, JUNYA, JP
[72] BOON, CHOONG SENG, JP
[72] TAN, THIOW KENG, JP
[73] NTT DOCOMO, INC., JP
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[54] **COMPOSANTS BARRIERES POUR STALLES ANIMALIERES**
[72] EARLS, MICHAEL, IE
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[72] STELLA, MARK EDWARD, US
[72] ENTWISLE, JOHN RICHARD, US
[72] NEWLON, JASON WILLIAM, US
[72] NAYKKI, CHRISTINE LOUIE, US
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[73] TMS INTERNATIONAL CORPORATION, US
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[54] **COOLING CIRCUIT, DRY COOLING INSTALLATION AND METHOD FOR CONTROLLING THE COOLING CIRCUIT**
[54] **CIRCUIT DE REFROIDISSEMENT, INSTALLATION DE REFROIDISSEMENT A SEC ET PROCEDE DE COMMANDE DU CIRCUIT DE REFROIDISSEMENT**
[72] BALTUS, FRITS CORNELIS A., BE
[73] ATLAS COPCO AIRPOWER, NAAMLOZE VENNOOTSCHAP, BE
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[54] **WIRELESS IN-KILN MOISTURE SENSOR AND SYSTEM FOR USE THEREOF**
[54] **CAPTEUR SANS FIL D'HUMIDITE EN SECHOIR ET SYSTEME D'UTILISATION ASSOCIE**
[72] YOUSSI, PATRICK, US
[72] SCHNEIDER, SCOTT, US
[73] SCS FOREST PRODUCTS, INC., US
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[54] **COMPOSITIONS ORALES CONTENANT UN ESTER DE 17-HYDROXYPROGESTERONE ET PROCEDES S'Y RAPPORTANT**
[72] GILIYAR, CHANDRASHEKAR, US
[72] VENKATESHWARAN, SRINIVANSAN, US
[72] CHICKMATH, BASAWARAJ, US
[72] NACHAEGARI, SATISH KUMAR, US
[72] NACHIAPPAN, CHIDAMBARAM, US
[72] PATEL, MAHESH V., US
[73] LIPOCINE INC., US
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[54] **COMPOSITE PANE WITH ELECTRICAL CONTACTING MEANS**
[54] **VITRE COMPOSITE AVEC CONNEXION ELECTRIQUE**
[72] REUL, BERNHARD, DE
[72] SCHALL, GUNTHER, DE
[73] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **COMMANDE ADAPTATIVE DE COMMUTATION DOUCE POUR CONVERTISSEUR DE PUISSANCE**
[72] WU, DI, CA
[72] WORONOWICZ, KONRAD, CA
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[54] **PINCE A BARRES ET ENSEMBLE DE PINCES A BARRES**
[72] BEAUREGARD, GEORGES, CA
[73] DAMSTOM INC., CA
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[54] **V GROOVE INSULATION MACHINE**
[54] **MACHINE D'ISOLATION DE RAINURE EN V**
[72] BERTRAM, ROBERT, CA
[73] IDEAL PRODUCTS OF CANADA, CA
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[54] **BOBINE D'ANTENNE INTEGREE DANS UN CORPS METALLIQUE**
[72] JONELY, MICHAEL B., US
[73] MASTER LOCK COMPANY LLC, US
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[54] **MOVABLE STANCHION FOR TRANSIT BUSES**
[54] **MONTANT MOBILE POUR AUTOBUS DE TRANSPORT EN COMMUN**
[72] MCDOWELL, KEITH, US
[72] HARTMANN, ANDREW, US
[73] AMERICAN SEATING COMPANY, US
[86] (2881073)
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[54] **AIRCRAFT MONUMENT WITH IMPROVED THERMAL INSULATION AND ACOUSTIC ABSORPTION**
[54] **CONSTRUCTION D'AVION COMPORTANT ISOLATION THERMIQUE ET ABSORPTION ACOUSTIQUE AMELIOREES**
[72] BURD, PETER JOHN LESLIE, GB
[73] B/E AEROSPACE, INC., US
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[54] **TRANSIENT POWER COMMUNICATION**
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[72] LEKATSAS, NICHOLAS, US
[72] ANTONY, BIJU, US
[72] AGGARWAL, ANANT, US
[73] OSRAM SYLVANIA INC., US
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[54] **SYSTEMS AND METHODS FOR MULTIPLE PHOTO FEED STORIES**
[54] **SYSTEMES ET PROCEDES POUR DE MULTIPLES HISTOIRES DE FLUX DE PHOTOS**
[72] STOOP, DIRK, US
[72] VAN DIJK, JORN, US
[72] HE, LIN, US
[73] FACEBOOK, INC., US
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[54] **LOCKING MECHANISM FOR RELEASABLY SECURING A WRITING INSTRUMENT TO A TETHER**
[54] **MECANISME DE BLOCAGE DESTINE A FIXER DE MANIERE AMOVIBLE UN INSTRUMENT D'ECRITURE A UN CABLE D'ATTACHE**
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[73] RITE-HITE HOLDING CORPORATION, US
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[54] **LOGIQUE DE REQUETE DE GRAPHE**
[72] SCHROCK, NICHOLAS HAGE, US
[72] BYRON, LEE WILLIAMS, US
[72] SCHAFER, DANIEL L., US
[73] FACEBOOK, INC., US
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[54] **SYSTEMS AND METHODS FOR ESTIMATING BLOOD FLOW CHARACTERISTICS FROM VESSEL GEOMETRY AND PHYSIOLOGY**
[54] **SYSTEMES ET PROCEDES D'ESTIMATION DE CARACTERISTIQUES DE CIRCULATION SANGUINE A PARTIR D'UNE GEOMETRIE ET D'UNE PHYSIOLOGIE DE VAISSEAU**
[72] GRADY, LEO, US
[72] CHOI, GILWOO, US
[72] SINGER, MICHAEL, US
[73] HEARTFLOW, INC., US
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[54] **PROCEDE PERMETTANT DE PRODUIRE UN MATERIAU COMPOSITE DE BATTERIE ET SON PRECURSEUR**
[72] LEE, WEN-CHAO, CN
[72] LIN, HSIANG-PIN, CN
[72] HSIEH, HAN-WEI, CN
[73] ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD., CN
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[54] **SEALANT FORMING NOZZLE, SEALANT FORMING APPARATUS AND SEALANT FORMING METHOD**
[54] **BUSE DE FORMAGE DE MATERIAU D'ETANCHEITE, DISPOSITIF DE FORMAGE DE MATERIAU D'ETANCHEITE ET PROCEDE DE FORMAGE DE MATERIAU D'ETANCHEITE**
[72] NAWATA, KENJI, JP
[72] SUZUKI, AKIHITO, JP
[73] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2015-03-10
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[54] **COMPUTATION OF CHANNEL STATE FEEDBACK IN SYSTEMS USING COMMON REFERENCE SIGNAL INTERFERENCE CANCELATION**
[54] **CALCUL DE RETOUR D'INFORMATIONS D'ETAT DE CANAL DANS SYSTEMES UTILISANT ANNULATION DE BROUILLAGE A SIGNAL DE REFERENCE COMMUN**
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] YOO, TAESANG, US
[73] QUALCOMM INCORPORATED, US
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[25] EN
[54] **METHOD FOR LIMITING ELASTICITY OF SELECTED REGIONS IN KNITTED FABRICS**
[54] **PROCEDE DE LIMITATION DE L'ELASTICITE DE ZONES SELECTIONNEES DANS DES TISSUS TRICOTES**
[72] SHOSHANI, BOAZ, IL
[72] AMIR, URI, IL
[73] HEALTHWATCH LTD., IL
[85] 2015-03-18
[86] 2014-02-07 (PCT/IL2014/050134)
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[54] **MODULE DE PIEGE A RATON LAVEUR ET DISPOSITIF DE PIEGE A RATON LAVEUR**
[72] MIYAWAKI, YUTAKA, JP
[72] KAWAMICHI, MIEKO, JP
[73] SURGE MIYAWAKI CO., LTD., JP
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[87] (WO2014/046264)
[30] JP (2012-207560) 2012-09-20

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[25] EN
[54] **USE OF PHOTO-CATALYTIC MATERIAL FOR CLEANING BANKNOTES**
[54] **UTILISATION DE MATERIAU PHOTOCATALYTIQUE POUR LE NETTOYAGE DE BILLETS DE BANQUE**
[72] LAWANDY, NABIL M., US
[73] SPECTRA SYSTEMS CORPORATION, US
[85] 2015-03-20
[86] 2012-09-28 (PCT/US2012/057963)
[87] (WO2014/046692)
[30] US (13/625,368) 2012-09-24

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[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENTS A PLUSIEURS RESERVOIRS**
[72] UHLAND, SCOTT A., US
[72] ABHISHEK, RAMKUMAR, US
[72] PEETERS, ERIC, US
[72] CURLEY, TIMOTHY J., US
[72] LINN, FELICIA, US
[73] PALO ALTO RESEARCH CENTER INCORPORATED, US
[85] 2015-03-24
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[25] EN
[54] **METHODS AND APPARATUS FOR ENABLING FURTHER L1 ENHANCEMENTS IN LTE HETEROGENEOUS NETWORKS**
[54] **PROCEDES ET APPAREIL POUR PERMETTRE DES AMELIORATIONS L1 SUPPLEMENTAIRES DANS DES RESEAUX HETEROGENES LTE**
[72] SONG, YI, US
[72] BONTU, CHANDRA SEKHAR, CA
[72] CAI, ZHIJUN, US
[73] BLACKBERRY LIMITED, CA
[85] 2015-03-24
[86] 2013-03-15 (PCT/US2013/032586)
[87] (WO2014/051697)
[30] US (61/707,636) 2012-09-28

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[51] **Int.Cl. F01B 17/02 (2006.01) A61M 1/00 (2006.01) F01B 11/00 (2006.01)**
[25] EN
[54] **COMPRESSED GAS MOTOR FOR OPERATION OF A LAVAGE SYSTEM**
[54] **MOTEUR A GAZ COMPRIME POUR LE FONCTIONNEMENT D'UN SYSTEME DE LAVAGE**
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2886183)
[87] (2886183)
[22] 2015-03-26
[30] DE (10 2014 208 064.9) 2014-04-29

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[51] **Int.Cl. C09J 161/00 (2006.01) B27D 3/00 (2006.01) B27N 3/00 (2006.01) C09J 5/00 (2006.01) C09J 11/00 (2006.01) C09J 163/00 (2006.01)**
[25] EN
[54] **MODIFIED POLYPHENOL BINDER COMPOSITIONS AND METHODS FOR MAKING AND USING SAME**
[54] **COMPOSITIONS DE LIANT POLYPHENOL MODIFIEES ET LEURS PROCEDES DE PREPARATION ET D'UTILISATION**
[72] HAGIOPOL, CORNEL, US
[72] ATKINSON, DEREK L., US
[73] GEORGIA-PACIFIC CHEMICALS LLC, US
[85] 2015-04-01
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[54] **NON CONTACT WHEEL ALIGNMENT SENSOR AND METHOD**
[54] **CAPTEUR D'ALIGNEMENT DE ROUE SANS CONTACT ET PROCEDE**
[72] DE SLOOVERE, KRIS, BE
[72] BEGHUIN, DIDIER, BE
[72] VERHAERT, KOEN, BE
[73] BURKE E. PORTER MACHINERY COMPANY, US
[73] VERHAERT NEW PRODUCTS AND SERVICES NV, BE
[86] (2887242)
[87] (2887242)
[22] 2008-05-02
[62] 2,685,598
[30] US (60/916,004) 2007-05-04
[30] US (12/113,300) 2008-05-01

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[54] **CAPTEUR D'ALIGNEMENT DE ROUE SANS CONTACT ET PROCEDE**
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[72] BEGHUIN, DIDIER, BE
[72] VERHAERT, KOEN, BE
[73] BURKE E. PORTER MACHINERY COMPANY, US
[73] VERHAERT NEW PRODUCTS AND SERVICES NV, BE
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[25] EN
[54] **CONCENTRATION DETERMINATION IN A DIFFUSION BARRIER LAYER**
[54] **DETERMINATION DE LA CONCENTRATION DANS UNE COUCHE BARRIERE DE DIFFUSION**
[72] WU, HUAN-PING, US
[73] ASCENSIA DIABETES CARE HOLDINGS AG, CH
[86] (2887517)
[87] (2887517)
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[30] US (60/655,180) 2005-02-22

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[51] **Int.Cl. H04W 56/00 (2009.01)**
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[54] **USING A CELL AS A PATHLOSS OR TIMING REFERENCE**
[54] **UTILISATION D'UNE CELLULE COMME REFERENCE D'AFFAIBLISSEMENT DE PROPAGATION OU DE TEMPORISATION**
[72] SUZUKI, TAKASHI, JP
[72] CAI, ZHIJUN, US
[72] PURNADI, RENE WARAPUTRA, US
[73] BLACKBERRY LIMITED, CA
[85] 2015-04-08
[86] 2013-10-02 (PCT/US2013/063040)
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[25] EN
[54] **METHOD AND APPARATUS FOR ENCODING VIDEO BY COMPENSATING FOR PIXEL VALUE ACCORDING TO PIXEL GROUPS, AND METHOD AND APPARATUS FOR DECODING VIDEO BY THE SAME**
[54] **PROCEDE ET APPAREIL DESTINES A CODER UNE VIDEO EN COMPENSANT UNE VALEUR DE PIXEL SELON DES GROUPES DE PIXELS ET PROCEDE ET APPAREIL DESTINES A DECODER UNE VIDEO EN PROCEDANT DE MEME**
[72] ALSHIN, ALEXANDER, KR
[72] ALSHINA, ELENA, KR
[72] SHLYAKHOV, NIKOLAY, KR
[73] SAMSUNG ELECTRONICS CO., LTD., KR
[86] (2887748)
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[54] **GRAIN-ORIENTED ELECTRICAL STEEL SHEET WITH REDUCED IRON LOSS, AND METHOD FOR MANUFACTURING THE SAME**
[54] **TOLE ELECTRIQUE A GRAIN ORIENTE AYANT UNE PERTE DE FER REDUITE, ET METHODE DE FABRICATION ASSOCIEE**
[72] TAKAJO, SHIGEHIRO, JP
[72] INOUE, HIROTAKA, JP
[72] OKABE, SEIJI, JP
[72] HANAZAWA, KAZUHIRO, JP
[73] JFE STEEL CORPORATION, JP
[85] 2015-04-10
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[54] **VACUUM PLATE AND METHOD FOR MANUFACTURING THE SAME**
[54] **PLATEAU D'APPAREIL A VIDE ET SA METHODE DE FABRICATION**
[72] TIAN, YONGJIANG, CA
[73] ICESUN VACUUM GLASS LTD., CA
[85] 2015-03-25
[86] 2014-10-30 (PCT/CN2014/089950)
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[54] **ISOLATOR FOR AN ELECTRONIC DEVICE**
[54] **ISOLATEUR POUR UN DISPOSITIF ELECTRONIQUE**
[72] BLAZIC, ERNEST STEVEN, US
[73] TYCO ELECTRONICS CORPORATION, US
[85] 2015-04-21
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[25] EN
[54] **INTERCHANGEABLE MEASUREMENT HOUSINGS**
[54] **BOITIERS DE MESURE INTERCHANGEABLES**
[72] MOAKE, GORDON L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-23
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[54] **ACTINICALLY-CROSSLINKABLE AMPHIPHILIC PREPOLYMERS**
[54] **PREPOLYMERES AMPHIPHILES RETICULABLES PAR UN RAYONNEMENT ACTINIQUE**
[72] CHANG, FRANK, US
[72] SHANKERNARAYANAN, MANIVAKKAM J., US
[73] NOVARTIS AG, CH
[85] 2015-04-28
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[54] **SPECIMEN PROCESSING SYSTEMS AND METHODS FOR PREPARING REAGENTS**
[54] **SYSTEMES DE TRAITEMENT D'ECHANTILLON ET PROCEDES DE PREPARATION DE REACTIFS**
[72] DYSON-HOLLAND, LUKE, AU
[72] MALBERG, DANIEL CHRISTOPHER, AU
[72] BARNETT, DONALD MICHAEL, US
[72] MCDONALD, TIMOTHY BRETT, AU
[72] MARSHALL, KEVIN DAVID, US
[73] VENTANA MEDICAL SYSTEMS, INC., US
[85] 2015-05-11
[86] 2013-12-20 (PCT/US2013/077162)
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[54] **ACCURATE AND FAST MAPPING OF TARGETED SEQUENCING READS**
[54] **CARTOGRAPHIE PRECISE ET RAPIDE DE LECTURES DE SEQUENCAGE CIBLE**
[72] CHEN, XIAOYING, US
[72] LI, YAN, US
[72] LIU, WEI-MIN, US
[72] MA, XIAOJU (MAX), US
[72] TRUONG, SIM-JASMINE, US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **SINGLE SERVE CAPSULE FOR PRODUCING COFFEE BEVERAGES WITH AND WITHOUT CREMA**
[54] **CAPSULE POUR PREPARER DES BOISSONS AU CAFE AVEC OU SANS CREME**
[72] EMPL, GUNTER, DE
[72] EPPLER, WOLFGANG, DE
[72] THROM, ANDRE, DE
[73] K-FEE SYSTEM GMBH, DE
[85] 2015-05-26
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[25] EN
[54] **ENTACAPONE FOR PREVENTION AND TREATMENT OF OBESITY AND RELATED METABOLIC DISEASES**
[54] **UTILISATION DE L'ENTACAPONE POUR PREVENIR ET TRAITER L'OBESITE ET LES MALADIES METABOLIQUES ASSOCIEES**
[72] HUANG, NIU, CN
[72] ZHI, GANG, CN
[72] CHAI, JIJIE, CN
[72] PENG, SHIMING, CN
[72] HOU, NANNAN, CN
[73] NATIONAL INSTITUTE OF BIOLOGICAL SCIENCES, BEIJING, CN
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[54] **OPTICAL REFLECTORS FOR SPECTROMETER GAS CELLS**
[54] **REFLECTEURS OPTIQUES POUR CELLULES DE GAZ DE SPECTROMETRE**
[72] KELLER, LUTZ, US
[72] FEITISCH, ALFRED, US
[72] SCOTT, PETER, US
[72] SCHREMPEL, MATHIAS, US
[72] ST.JOHN, NATHAN, US
[73] SPECTRASENSORS, INC., US
[85] 2015-05-28
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[25] EN
[54] **SYSTEMS AND METHODS OF SUPPORTING A MULTILATERAL WINDOW**
[54] **SYSTEMES ET PROCEDES DE SUPPORT DE FENETRE MULTILATERALE**
[72] HAUN, MATTHEW RYAN, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-05-29
[86] 2013-01-18 (PCT/US2013/022065)
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[54] **PROCESS FOR METALS LEACHING AND RECOVERY FROM RADIOACTIVE WASTES**
[54] **PROCEDE DE LESSIVAGE DE METAUX ET DE RECUPERATION DE DECHETS RADIOACTIFS**
[72] REYNIER, NICOLAS, CA
[72] LASTRA, ROLANDO, CA
[72] BOUZOUBAA, NABIL, CA
[72] CHAPMAN, MARK, CA
[73] HER MAJESTY THE QUEEN, IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA, CA
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[87] (2893310)
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[25] EN
[54] **HANDOVER IN A SOFT CELL NETWORK**
[54] **TRANSFERT INTERCELLULAIRE DANS UN RESEAU A CELLULES PARTAGEES**
[72] SORRENTINO, STEFANO, SE
[72] DIMOU, KONSTANTINOS, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2015-06-02
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[87] (WO2014/087322)
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[54] **EXPANSION JOINT SYSTEM USING FLEXIBLE MOMENT CONNECTION AND FRICTION SPRINGS**
[54] **SYSTEME DE JOINT DE DILATATION UTILISANT UNE LIAISON DE COUPLE FLEXIBLE ET DES RESSORTS A FRICTION**
[72] BRADFORD, PAUL, US
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[86] (2894169)
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[22] 2011-05-10
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[54] **BREAKING DEVICE**
[54] **DISPOSITIF DE FREINAGE**
[72] KELA, TIMO, FI
[72] MUUTTONEN, TIMO, FI
[72] KOSKIMAKI, ANTTI, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[86] (2894293)
[87] (2894293)
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[25] EN
[54] **GALVANNEALED STEEL SHEET AND METHOD OF MANUFACTURING THE SAME**
[54] **FEUILLE D'ACIER RECUITE APRES GALVANISATION ET METHODE DE FABRICATION ASSOCIEE**
[72] YASUI, TAKESHI, JP
[72] AKIBA, KOJIRO, JP
[72] ISHIZUKA, KIYOKAZU, JP
[72] TANAKA, KOKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **COMPONENT OF A MOLDING SYSTEM**
[54] **ELEMENT CONSTITUTIF D'UN SYSTEME DE MOULAGE**
[72] LOOIJE, ADRIAN PETER, CA
[72] ARSAN, SAMI SAMUEL, CA
[72] PLUMPTON, JAMES OSBORN, US
[73] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
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[51] **Int.Cl. G01F 1/84 (2006.01)**
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[54] **METHOD AND APPARATUS FOR A VIBRATORY METER**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIF DE MESURE DE VIBRATION**
[72] WERBACH, CHRISTOPHER A., US
[72] LANHAM, GREGORY TREAT, US
[73] MICRO MOTION, INC., US
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[54] **ELECTRONIC CONTROL MULTI-POSITION ICD**
[54] **DISPOSITIF DE REGULATION DE DEBIT ENTRANT A COMMANDE ELECTRONIQUE**
[72] LOPEZ, JEAN MARC, US
[72] HOLDERMAN, LUKE WILLIAM, US
[72] FRIPP, MICHAEL L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **ELECTRICAL POWER COUPLING WITH MAGNETIC CONNECTIONS**
[54] **RACCORDEMENT D'ALIMENTATION ELECTRIQUE DOTE DE CONNEXIONS MAGNETIQUES**
[72] BYRNE, NORMAN R., US
[72] BURDI, ROGER D., US
[72] MITCHELL, MARC A., US
[72] MORROW, NICKOLAS J., US
[73] BYRNE, NORMAN R., US
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[54] **EASY ACCESS ARTICLES OF FOOTWEAR**
[54] **ARTICLES DE CHAUSSURE A ACCES FACILE**
[72] HATFIELD, TOBIE D., US
[72] FRITON, MICHAEL R., US
[73] NIKE INNOVATE C.V., US
[85] 2015-07-07
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[25] EN
[54] **POWER MANAGEMENT FOR WIRELESS DEVICES**
[54] **PROCEDE DE GESTION DE PUISSANCE DESTINE A DES DISPOSITIFS SANS FIL**
[72] MA, DUNG, US
[72] GERG, JAMES, US
[72] LEE, FRED, US
[73] ABBOTT MEDICAL OPTICS INC., US
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[54] **TELEMETRY OPERATED EXPANDABLE LINER SYSTEM**
[54] **MECANISME DE CHEMISAGE EXTENSIBLE A FONCTIONNEMENT TELEMETRIQUE**
[72] LUKE, MIKE A., US
[72] HEIDECKE, KARSTEN, US
[72] MCINTIRE, SCOTT, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2898158)
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[54] **A HIGH-STRENGTH HOT-ROLLED STEEL STRIP OR SHEET WITH EXCELLENT FORMABILITY AND FATIGUE PERFORMANCE AND A METHOD OF MANUFACTURING SAID STEEL STRIP OR SHEET**
[54] **BANDE OU FEUILLE D'ACIER HAUTE RESISTANCE LAMINEE A CHAUD PRESENTANT UNE EXCELLENTE APTITUDE AU FORMAGE ET UNE EXCELLENTE PERFORMANCE DE FATIGUE ET PROCEDE PERMETTANT DE FABRIQUER LADITE BANDE OU FEUILLE D'ACIER**
[72] RIJKENBERG, ROLF ARJAN, NL
[73] TATA STEEL IJMUIDEN B.V., NL
[85] 2015-07-16
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[25] EN
[54] **COOLING MECHANISM FOR DATA CENTER**
[54] **MECANISME DE REFROIDISSEMENT POUR CENTRE INFORMATIQUE**
[72] SHIRAIWA, HIROYUKI, JP
[72] KANEO, HIDETOSHI, JP
[73] HACHIYO ENGINEERING CO., LTD., JP
[73] INSTITUTE OF NATIONAL COLLEGES OF TECHNOLOGY, JAPAN, JP
[85] 2015-07-16
[86] 2014-02-07 (PCT/JP2014/052854)
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[54] **LOST CIRCULATION COMPOSITION FOR FRACTURE SEALING**
[54] **COMPOSITION DE PERTE DE CIRCULATION POUR ETANCHEITE DE FRACTURE**
[72] MILLER, MATTHEW LYNN, US
[72] SCORSONE, JASON THOMAS, US
[72] WHITFILL, DONALD L., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2013-10-21 (PCT/US2013/065904)
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[25] EN
[54] **IMPLANTABLE MEDICAL DEVICE FOR MINIMALLY-INVASIVE INSERTION**
[54] **DISPOSITIF MEDICAL IMPLANTABLE POUR INSERTION MINIMALEMENT INVASIVE**
[72] FARRA, ROBERT, US
[73] MICROCHIPS BIOTECH, INC., US
[85] 2015-07-22
[86] 2014-02-27 (PCT/US2014/019058)
[87] (WO2014/134323)
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[51] **Int.Cl. B25C 5/02 (2006.01) B25C 5/11 (2006.01)**
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[54] **FLAT CLINCH STAPLER ANVIL ASSEMBLY**
[54] **ENSEMBLE D'ENCLUME D'AGRAFEUSE A SERTISSAGE A PLAT**
[72] MARKS, JOEL S., US
[73] WORKTOOLS, INC., US
[85] 2015-07-23
[86] 2014-01-22 (PCT/US2014/012456)
[87] (WO2014/116644)
[30] US (61/755,894) 2013-01-23
[30] US (14/159,264) 2014-01-20

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[13] C
[51] **Int.Cl. B41N 10/04 (2006.01) B32B 3/22 (2006.01) B32B 5/08 (2006.01) B32B 27/12 (2006.01) B41J 2/01 (2006.01) B41M 5/03 (2006.01)**
[25] EN
[54] **AQUEOUS TRANSFIX BLANKET DESIGN USING SCREEN GEOMETRY**
[54] **MODELE DE COUCHE TRANSFIXIANTE AQUEUSE EMPLOYANT LA GEOMETRIE DE MAILLES**
[72] CONDELLO, ANTHONY S., US
[73] XEROX CORPORATION, US
[86] (2899899)
[87] (2899899)
[22] 2015-08-06
[30] US (14/458788) 2014-08-13

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[51] **Int.Cl. B02C 4/20 (2006.01) B65B 69/00 (2006.01)**
[25] EN
[54] **DEVICE FOR OPENING BAGS IN MIXTURES OF WASTES AND METHOD THEREFOR**
[54] **DISPOSITIF DESTINE A OUVRIR DES SACS DANS UN MELANGE DE DECHETS ET METHODE ASSOCIEE**
[72] EGGERSMANN, KARLGUNTER, DE
[73] KOMPOFERM GMBH, DE
[86] (2900206)
[87] (2900206)
[22] 2015-08-12
[30] EP (14003598.1-1708) 2014-10-22

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[51] **Int.Cl. E01C 23/12 (2006.01) E02F 7/00 (2006.01)**
[25] EN
[54] **AUTOMOTIVE MILLING MACHINE, AS WELL AS METHOD FOR DISCHARGING MILLED MATERIAL**
[54] **MACHINE D'USINAGE AUTOMOBILE, AINSI QU'UNE METHODE DE DECHARGEMENT DU MATERIAU USINE**
[72] BERNING, CHRISTIAN, DE
[72] WINKELS, SEBASTIAN, DE
[72] KROELL, HARALD, DE
[72] KRISTA, TOBIAS, DE
[72] BARIMANI, CYRUS, DE
[72] HAEHN, GUENTER, DE
[73] WIRTGEN GMBH, DE
[86] (2901039)
[87] (2901039)
[22] 2015-08-19
[30] DE (10 2014 216 763.9) 2014-08-22

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[51] **Int.Cl. B65D 85/804 (2006.01)**
[25] EN
[54] **A BEVERAGE PREPARATION SYSTEM, A CAPSULE AND A METHOD FOR FORMING A BEVERAGE**
[54] **SYSTEME DE PREPARATION DE BOISSON, CAPSULE ET PROCEDE DE FORMATION D'UNE BOISSON**
[72] HALLIDAY, ANDREW, GB
[72] SHABUDIN, ESAK, GB
[72] JELLEY, SIMON, GB
[72] BANISTER, STUART, GB
[73] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2015-08-17
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[51] **Int.Cl. F01L 3/08 (2006.01)**
[25] EN
[54] **PRESSURE SUPPORT FOR ENGINE VALVE STEM SEALS**
[54] **SUPPORT A PRESSION POUR JOINTS DE TIGE DE SOUPAPE POUR MOTEUR**
[72] SAKATA, DAVID, US
[73] FREUDENBERG-NOK GENERAL PARTNERSHIP, US
[85] 2015-08-18
[86] 2013-03-27 (PCT/US2013/033983)
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[25] EN
[54] **MAIZE HYBRID X90F448**
[54] **MAIS HYBRIDE X90F448**
[72] GARCIA, GUSTAVO MARCELO, CA
[72] CARRIGAN, LORI LISA, US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[86] (2903414)
[87] (2903414)
[22] 2015-09-03
[30] US (14/623,596) 2015-02-17

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[51] **Int.Cl. B01D 39/08 (2006.01) B01D 39/20 (2006.01)**
[25] EN
[54] **IMPROVED FILTER MEDIA FOR ACTIVE FIELD POLARIZED MEDIA AIR CLEANER**
[54] **SUPPORT DE FILTRE AMELIORE POUR APPAREIL DE NETTOYAGE DE L'AIR A FILTRE POLARISE ACTIF**
[72] WISER, FORWOOD, US
[72] SUMMERS, GEORGE ROBERT, CA
[72] KAEPPNER, BENJAMIN HANS, CA
[73] ENVIRONMENTAL MANAGEMENT CONFEDERATION, INC., US
[86] (2903750)
[87] (2903750)
[22] 2006-12-29
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[30] US (60/754,771) 2005-12-29
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[51] **Int.Cl. C09D 5/00 (2006.01)**
[25] EN
[54] **COATINGS THAT EXHIBIT A TRI-COAT APPEARANCE, RELATED COATING METHODS AND SUBSTRATES**
[54] **REVETEMENTS QUI PRESENTENT UN ASPECT TRI-COUCHE, PROCEDES DE REVETEMENT ET SUBSTRATS ASSOCIES**
[72] EIBON, WILLIAM E., US
[72] DILLON, BRIAN, US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-09-04
[86] 2014-03-05 (PCT/US2014/020596)
[87] (WO2014/164105)
[30] US (13/792,269) 2013-03-11

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[51] **Int.Cl. E21B 33/12 (2006.01)**
[25] EN
[54] **SEALING APPARATUS HAVING A RIGID MEMBER DISPOSED IN A COMPRESSIBLE ELEMENT**
[54] **APPAREIL DE SCELLEMENT COMPORTANT UN ELEMENT RIGIDE DISPOSE DANS UN ELEMENT COMPRESSIBLE**
[72] ZIMMERMAN, PATRICK J., US
[72] PARKER, CHARLES D., US
[72] DERBY, MICHAEL C., US
[72] GOODMAN, BRANDON C., US
[72] SMITH, PAUL L., US
[72] HARRALL, SIMON J., US
[73] WEATHERFORD/LAMB, INC., US
[85] 2015-09-04
[86] 2014-03-07 (PCT/US2014/022016)
[87] (WO2014/138650)
[30] US (61/774,727) 2013-03-08
[30] US (61/776,561) 2013-03-11

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[13] C
[51] **Int.Cl. B29C 53/60 (2006.01) B29C 53/82 (2006.01) B29C 70/32 (2006.01)**
[25] EN
[54] **Z AXIS WINDING FOR FILAMENT WOUND MATERIALS**
[54] **ENROULEMENT D'AXE Z POUR DES MATERIAUX ENROULES FILAMENTAIRES**
[72] POWERS, GEOFFREY, US
[72] PRITCHETT, WESLEY CLINT, US
[72] STAGE, MATTHEW RICHARD, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2015-09-09
[86] 2014-03-13 (PCT/US2014/026198)
[87] (WO2014/160269)
[30] US (61/779,664) 2013-03-13

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[13] C
[51] **Int.Cl. E21B 7/00 (2006.01) E21B 3/02 (2006.01) E21B 7/02 (2006.01)**
[25] EN
[54] **ROTATION UNIT, ROCK DRILLING UNIT AND METHOD FOR ROCK DRILLING**
[54] **MODULE DE ROTATION, MODULE DE FORAGE DE ROC ET METHODE DE FORAGE DE ROC**
[72] UKONJARVI, TAPIO, FI
[73] SANDVIK MINING AND CONSTRUCTION OY, FI
[86] (2905472)
[87] (2905472)
[22] 2015-09-29
[30] EP (14188228.2) 2014-10-09

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[13] C
[51] **Int.Cl. F04D 7/06 (2006.01) F04D 1/06 (2006.01) F04D 29/22 (2006.01) F04D 29/42 (2006.01)**
[25] EN
[54] **CENTRIFUGAL PUMP FOR HANDLING ABRASIVE-LADEN FLUID**
[54] **POMPE CENTRIFUGE DE TRAITEMENT D'UN FLUIDE CHARGE D'ABRASIFS**
[72] JAYARAM, SHIV, US
[72] GOTTSCHALK, THOMAS JOHN, US
[72] HALL, CLINT FRANKLIN, US
[72] NOWITZKI, WESLEY JOHN, US
[73] SUMMIT ESP, LLC, US
[86] (2905848)
[87] (2905848)
[22] 2015-09-25
[30] US (62/056,224) 2014-09-26

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[51] **Int.Cl. F15B 13/00 (2006.01) B24C 3/00 (2006.01) F15B 21/02 (2006.01)**
[25] EN
[54] **HYDRAULIC DRIVE FOR A PRESSURE BOOSTER**
[54] **ENTRAINEMENT HYDRAULIQUE POUR STIMULATEUR DE PRESSION**
[72] TRIEB, FRANZ, AT
[72] STUHLINGER, RENE, AT
[72] MODERER, RENE, AT
[73] BFT GMBH, AT
[86] (2905976)
[87] (2905976)
[22] 2015-09-30
[30] AT (A50746/2014) 2014-10-20

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[13] C
[51] **Int.Cl. B01D 35/30 (2006.01) B01D 35/00 (2006.01)**
[25] EN
[54] **CARAFE FILTER WITH AIR LOCK PREVENTION FEATURE**
[54] **FILTRE POUR CARAFE A ELEMENT EVITANT LES POCHES D'AIR**
[72] HUDA, STEPHEN P., US
[72] LOMBARDO, ANDREW, US
[73] KX TECHNOLOGIES LLC, US
[85] 2015-09-11
[86] 2014-07-10 (PCT/US2014/046150)
[87] (WO2015/006561)
[30] US (61/845,559) 2013-07-12
[30] US (14/328,032) 2014-07-10

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[13] C
[51] **Int.Cl. A63H 1/00 (2006.01)**
[25] EN
[54] **COMBINED TOY TOP THAT CAN BE FREELY ASSEMBLED**
[54] **DESSUS DE JOUET COMBINE QUI PEUT ETRE ASSEMBLE LIBREMENT**
[72] CAI, DONGQING, CN
[73] GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD., CN
[73] GUANGDONG AULDEY ANIMATION & TOY CO., LTD., CN
[73] GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD., CN
[85] 2015-09-24
[86] 2015-04-14 (PCT/CN2015/076506)
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[30] CN (201410402519.2) 2014-08-16

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[25] EN
[54] **STEEL MATERIAL, HYDROGEN CONTAINER, METHOD FOR PROUCING THE STEEL MATERIAL, AND METHOD FOR PRODCUING THE HYDROGEN CONTAINER**
[54] **MATERIAU D'ACIER ET RECIPIENT D'HYDROGENE ET PROCEDES DE FABRICATION DE CELUI-CI**
[72] TAKAGI, SHUSAKU, JP
[72] NAGAO, AKIHIDE, JP
[73] JFE STEEL CORPORATION, JP
[85] 2015-09-16
[86] 2014-03-28 (PCT/JP2014/001832)
[87] (WO2014/156187)
[30] JP (2013-074654) 2013-03-29
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[25] EN
[54] **STEEL STRUCTURE FOR HYDROGEN GAS, METHOD FOR PRODUCING HYDROGEN STORAGE TANK, AND METHOD FOR PRODUCING HYDROGEN LINE PIPE**
[54] **STRUCTURE D'ACIER POUR L'HYDROGENE ET PROCEDE DE FABRICATION D'UN ACCUMULATEUR DE PRESSION POUR L'HYDROGENE ET TUYAU DE CANALISATION POUR L'HYDROGENE**
[72] NAGAO, AKIHIDE, JP
[72] TAKAGI, SHUSAKU, JP
[73] JFE STEEL CORPORATION, JP
[85] 2015-09-16
[86] 2014-03-28 (PCT/JP2014/001833)
[87] (WO2014/156188)
[30] JP (2013-075008) 2013-03-29
[30] JP (2013-075009) 2013-03-29
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[25] EN
[54] **WIND TURBINE AND WIND TURBINE TOWER**
[54] **EOLIENNE ET TOUR D'EOLIENNE**
[72] POLLMANN, FRANK, DE
[72] KERSTEN, ROY, DE
[72] MEDOCH, STEFAN, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-09-18
[86] 2014-04-10 (PCT/EP2014/057303)
[87] (WO2014/177357)
[30] DE (10 2013 207 908.7) 2013-04-30

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[25] EN
[54] **IMIDAZOLIDINEDIONE COMPOUNDS AND THEIR USES**
[54] **COMPOSES D'IMIDAZOLIDINEDIONE ET LEURS UTILISATIONS**
[72] CHEN, YUANWEI, CN
[72] GONG, YU, CN
[73] HINOVA PHARMACEUTICALS INC., CN
[85] 2015-09-28
[86] 2014-05-27 (PCT/CN2014/078528)
[87] (WO2014/190895)
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[51] **Int.Cl. G02B 6/46 (2006.01) H04B 10/80 (2013.01) H04B 10/2575 (2013.01)**
[25] EN
[54] **FIBER OPTIC CABLE BREAKOUT ASSEMBLY**
[54] **DISPOSITIF DE DERIVATION DE CABLE DE FIBRE OPTIQUE**
[72] BAKATSIAS, KONSTANTINOS, GR
[72] COLETTI, CHARIS, GR
[72] ASIMAKOPOULOU, FANI, GR
[73] RAYCAP, S.A., GR
[86] (2909061)
[87] (2909061)
[22] 2015-10-16
[30] US (14/598,048) 2015-01-15

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[13] C
[51] **Int.Cl. B02C 4/42 (2006.01) B02C 4/02 (2006.01)**
[25] EN
[54] **ROLLER CRUSHER AND DRIVE TRAIN THEREFOR**
[54] **BROYEUR A ROULEAUX ET CHAINE CINEMATIQUE ASSOCIEE**
[72] SCHMIDT, MARKO, DE
[72] PETACK, BURKHARD, DE
[72] STENZEL, THOMAS, DE
[73] TAKRAF GMBH, DE
[85] 2015-10-15
[86] 2014-04-16 (PCT/EP2014/057730)
[87] (WO2014/170372)
[30] DE (10 2013 207 093.4) 2013-04-19

[11] **2,910,143**
[13] C
[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **EYE TREATMENT SYSTEM WITH FLUIDICS PUMP INTERFACE**
[54] **SYSTEME DE TRAITEMENT OCULAIRE AVEC INTERFACE DE POMPE POUR LIQUIDES**
[72] MURI, JOHN L, US
[72] EDWARDS, CRAIG, US
[73] ABBOTT MEDICAL OPTICS INC., US
[86] (2910143)
[87] (2910143)
[22] 2007-11-06
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[51] **Int.Cl. A61F 2/46 (2006.01) A61B 17/88 (2006.01) A61L 24/06 (2006.01)**
[25] EN
[54] **CEMENT CARTRIDGE DISPENSING DEVICE HAVING ROLLING CLAMPING BODIES**
[54] **DISPOSITIF DE DISTRIBUTION DE CARTOUCHE DE CIMENT COMPORTANT DES CORPS DE SERRAGE ROULANTS**
[72] GREINER, CLEMENS, DE
[72] VOGT, SEBASTIAN, DE
[73] HERAEUS MEDICAL GMBH, DE
[86] (2910906)
[87] (2910906)
[22] 2015-10-30
[30] DE (10 2014 117 224.8) 2014-11-25

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[51] **Int.Cl. B01D 17/04 (2006.01) B01J 19/12 (2006.01)**
[25] EN
[54] **HYDROCARBON EMULSION SEPARATOR SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE SEPARATEUR D'EMULSION D'HYDROCARBURE ET METHODES ASSOCIEES**
[72] WHITNEY, RYAN, US
[72] JACKSON, RONALD, US
[72] NUGENT, KEITH, US
[72] WHITE, ARTHUR, US
[72] KOLVEK, STEPHEN J., US
[73] HARRIS CORPORATION, US
[86] (2911110)
[87] (2911110)
[22] 2015-11-02
[30] US (14/560,079) 2014-12-04

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[13] C
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/142 (2006.01) A61M 5/28 (2006.01)**
[25] EN
[54] **A FLUID DELIVERY DEVICE HAVING AN INSERTABLE PREFILLED CARTRIDGE**
[54] **DISPOSITIF D'ADMINISTRATION DE FLUIDE COMPORTANT UNE CARTOUCHE INSERABLE PREREMPLIE**
[72] GREGORY, CHRISTOPHER C., US
[72] JOHNSON, MATTHEW P., US
[72] STANDLEY, ROBERT L., US
[73] VALERITAS, INC., US
[85] 2015-11-02
[86] 2014-05-30 (PCT/US2014/040205)
[87] (WO2014/194183)
[30] US (61/829,325) 2013-05-31
[30] US (61/857,415) 2013-07-23
[30] US (61/918,746) 2013-12-20
[30] US (61/923,957) 2014-01-06

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[51] **Int.Cl. C23C 2/28 (2006.01) C22C 18/00 (2006.01) C23C 2/06 (2006.01)**
[25] EN
[54] **GALVANNEALED STEEL SHEET AND MANUFACTURING METHOD THEREOF**
[54] **TOLE D'ACIER RECUITE APRES GALVANISATION, ET SON PROCEDE DE FABRICATION**
[72] KUROSAKI, MASAO, JP
[72] MAKI, JUN, JP
[72] YAMANAKA, SHINTARO, JP
[72] TANAKA, HIROYUKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2015-11-04
[86] 2014-05-20 (PCT/JP2014/063394)
[87] (WO2014/189063)
[30] JP (2013-106312) 2013-05-20

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[51] **Int.Cl. E01B 31/00 (2006.01)**
[25] EN
[54] **FOREIGN MATTER REMOVING DEVICE FOR USE IN TURNOUT, AND METHOD FOR INSTALLING FOREIGN MATTER REMOVING DEVICE FOR USE IN TURNOUT**
[54] **DISPOSITIF D'ENLEVEMENT DE MATIERE ETRANGERE DESTINE A UN VIRAGE ET METHODE D'INSTALLATION DU DISPOSITIF D'ENLEVEMENT DE MATIERE ETRANGER DESTINE A UN VIRAGE**
[72] KIGAMI, SHOGO, JP
[72] KINUGASA, YUKI, JP
[72] SATO, KOJI, JP
[73] NABTESCO CORPORATION, JP
[86] (2911680)
[87] (2911680)
[22] 2015-11-09

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[13] C
[51] **Int.Cl. A61K 35/28 (2015.01) A61K 31/734 (2006.01) A61P 19/00 (2006.01) A61P 19/02 (2006.01)**
[25] EN
[54] **COMPOSITION FOR TREATMENT OF CARTILAGE DISEASE**
[54] **COMPOSITION POUR LE TRAITEMENT D'UNE MALADIE DE CARTILAGE**
[72] IWASAKI, NORIMASA, JP
[72] MINAMI, AKIO, JP
[72] KASAHARA, YASUHIKO, JP
[72] IGARASHI, TATSUYA, JP
[72] KAWAMURA, DAISUKE, JP
[72] KASAHARA, FUMIYOSHI, JP
[72] MIYAJIMA, CHIHIRO, JP
[72] OHZAWA, NOBUO, JP
[72] IMAI, MARIKO, JP
[73] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[73] NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY, JP
[86] (2912930)
[87] (2912930)
[22] 2008-02-21
[62] 2,677,436
[30] JP (2007-041520) 2007-02-21
[30] JP (2007-277005) 2007-10-24

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[51] **Int.Cl. B07B 7/01 (2006.01) B07B 11/00 (2006.01)**
[25] EN
[54] **AIR-PRESSURE-TYPE DUAL-BIN AIR-POWERED SEPARATOR**
[54] **SEPARATEUR PNEUMATIQUE DE TYPE A PRESSION D'AIR A DOUBLE BAC**
[72] MOU, DINGRONG, CN
[72] WANG, YI, CN
[72] ZOU, QUAN, CN
[72] ZHAO, YUNCHUAN, CN
[72] CHEN, RAN, CN
[72] YANG, GUANGTAO, CN
[72] GAO, XIAOHUA, CN
[72] CAI, YUAN, CN
[72] QI, WENHUI, CN
[72] QIAO, XIAOHUI, CN
[72] XIAO, WENPIN, CN
[72] DOU, YUANCHUN, CN
[72] FAN, HAO, CN
[72] QIAN, BINGHAI, CN
[73] HONGTA TOBACCO (GROUP) CO., LTD., CN
[73] YUXI JIXINGDEYI TRADE & INDUSTRY CO., LTD., CN
[85] 2015-11-23
[86] 2014-04-29 (PCT/CN2014/076529)
[87] (WO2014/135130)

[11] 2,913,300
[13] C
[51] **Int.Cl. A47C 5/10 (2006.01) A47C 1/14 (2006.01) A47C 3/00 (2006.01) A47C 7/00 (2006.01)**
[25] EN
[54] **A FRAME STRUCTURE OF SIMPLE CHAIR**
[54] **UNE STRUCTURE DE CADRE D'UNE CHAISE SIMPLE**
[72] LEE, YOUN JAE, KR
[73] ZINUS INC., KR
[85] 2015-11-26
[86] 2015-02-16 (PCT/KR2015/001515)
[87] (2913300)
[30] KR (20-2015-0000819) 2015-02-04

[11] 2,914,031
[13] C
[51] **Int.Cl. B60G 11/00 (2006.01)**
[25] EN
[54] **MECHANICAL AXLE/SUSPENSION SPRING SEATS FOR THIN-WALL AXLES**
[54] **SIEGES DE RESSORT D'ESSIEU/DE SUSPENSION MECANIQUE POUR DES ESSIEUX A PAROI MINCE**
[72] PIERCE, PHILLIPPI R., US
[72] OYSTER, MICHAEL D., US
[72] GREGG, DANE, US
[73] HENDRICKSON USA, L.L.C., US
[85] 2015-11-27
[86] 2014-07-11 (PCT/US2014/046310)
[87] (WO2015/006669)
[30] US (61/845,745) 2013-07-12

[11] 2,914,075
[13] C
[51] **Int.Cl. B65F 3/08 (2006.01)**
[25] EN
[54] **LIFTER FOR A REFUSE COLLECTION CONTAINER**
[54] **DISPOSITIF DE LEVAGE POUR CONTENANT DE COLLECTE DE DECHETS**
[72] ARREZ, CARLOS, US
[73] PERKINS MANUFACTURING CO., US
[86] (2914075)
[87] (2914075)
[22] 2015-12-04
[30] US (62/088,158) 2014-12-05

[11] **2,914,331**
[13] C
[51] **Int.Cl. B64C 27/32 (2006.01) B64C 27/46 (2006.01) B64C 27/82 (2006.01) G01M 1/36 (2006.01)**
[25] FR
[54] **REAR ROTORCRAFT ROTOR, ROTORCRAFT EQUIPPED WITH SUCH A REAR ROTOR AND STATIC AND/OR DYNAMIC BALANCING METHOD FOR A REAR ROTOR OF A ROTORCRAFT**
[54] **ROTOR ARRIERE DE GIRAVION, GIRAVION EQUIPE D'UN TEL ROTOR ARRIERE ET PROCEDE D'EQUILIBRAGE STATIQUE ET/OU DYNAMIQUE D'UN ROTOR ARRIERE DE GIRAVION**
[72] CERTAIN, BERNARD, FR
[72] JOUVE, JEREMY, FR
[73] AIRBUS HELICOPTERS, FR
[86] (2914331)
[87] (2914331)
[22] 2015-11-19
[30] FR (14 02707) 2014-11-28

[11] **2,914,343**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/62 (2006.01) B01D 53/74 (2006.01) B01D 53/96 (2006.01)**
[25] EN
[54] **CARBON DIOXIDE SEPARATION DEVICE HAVING IMPROVED SENSIBLE HEAT RECOVERY EFFICIENCY USING PRESSURE REDUCTION AND PHASE SEPARATION**
[54] **DISPOSITIF DE SEPARATION DE DIOXYDE DE CARBONE PRESENTANT UNE EFFICACITE DE RECUPERATION DE CHALEUR APPRECIABLE AMELIOREE A L'AIDE D'UNE REDUCTION DE PRESSION ET D'UNE SEPARATIONDE PHASES**
[72] LEE, CHI SEOB, KR
[72] CHO, SEONG PILL, KR
[72] CHOI, BYUNG KI, KR
[72] LEE, YOO JIN, KR
[72] PARK, JONG MIN, KR
[72] YANG, CHANG RYUNG, KR
[72] KIM, DEOK HO, KR
[72] HAN, CHONG HUN, KR
[72] JUNG, JAE HEUM, KR
[72] JEONG, YEONG SU, KR
[73] KEPCO ENGINEERING & CONSTRUCTION COMPANY, INC., KR
[85] 2015-12-02
[86] 2014-05-27 (PCT/KR2014/004700)
[87] (WO2014/196757)
[30] KR (10-2013-0064317) 2013-06-04

[11] **2,914,957**
[13] C
[51] **Int.Cl. B32B 27/06 (2006.01) B32B 27/08 (2006.01) B32B 27/32 (2006.01) B32B 37/10 (2006.01) B32B 37/12 (2006.01)**
[25] EN
[54] **UNIDIRECTIONAL FABRIC, NON-WOVEN FABRIC, PREPARATION METHODS THEREOF AND NON-WOVEN FABRIC PRODUCT**
[54] **TISSU UNIDIRECTIONNEL, TISSU NON-TISSE, METHODES DE PREPARATION ASSOCIEES ET PRODUIT DE TISSU NON TISSE**
[72] YIN, RUIWEN, CN
[72] JI, CHANGGAN, CN
[72] MA, JUNYING, CN
[73] ZHENGZHOU ZHONGYUAN DEFENSE MATERIAL CO., LTD, CN
[85] 2015-12-09
[86] 2013-06-20 (PCT/CN2013/077549)
[87] (WO2014/201655)

[11] **2,915,523**
[13] C
[51] **Int.Cl. C25D 3/06 (2006.01) C25D 5/12 (2006.01) C25D 9/08 (2006.01) C25D 9/10 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING CHROMIUM-CHROMIUM OXIDE COATED SUBSTRATES**
[54] **PROCEDE PERMETTANT DE FABRIQUER DES SUBSTRATS RECOUVERTS DE CHROME-D'OXYDE DE CHROME**
[72] WIJENBERG, JACQUES HUBERT OLGA JOSEPH, NL
[73] TATA STEEL IJMUIDEN B.V., NL
[85] 2015-12-15
[86] 2014-05-21 (PCT/EP2014/060420)
[87] (WO2014/202316)
[30] EP (13003159.4) 2013-06-20

[11] **2,915,682**
[13] C
[51] **Int.Cl. E21B 43/17 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR TREATMENT OF SUBTERRANEAN FORMATIONS**
[54] **PROCEDES ET SYSTEMES DESTINES AU TRAITEMENT DE FORMATIONS SOUTERRAINES**
[72] CASE, LEONARD R., US
[72] BRYANT, JASON E., US
[72] EAST, LOYD EDDIE, JR., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-12-15
[86] 2013-08-08 (PCT/US2013/054089)
[87] (WO2015/020654)

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[25] EN
[54] **COMPATIBILIZED TIRE TREAD COMPOSITIONS**
[54] **COMPOSITIONS COMPATIBILISEES POUR BANDE DE ROULEMENT DE PNEU**
[72] BLOK, EDWARD J., US
[72] TSOU, ANDY H., US
[72] LUO, SHUJI, US
[72] WALKER, ELIZABETH L., US
[72] ZHANG, JINGWEN, US
[72] YANG, YONG, US
[73] EXXONMOBIL CHEMICAL PATENTS INC., US
[85] 2016-01-07
[86] 2014-07-15 (PCT/US2014/046684)
[87] (WO2015/023382)
[30] US (61/866,702) 2013-08-16

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[51] **Int.Cl. C10M 173/00 (2006.01) C10M 125/10 (2006.01) C10M 125/24 (2006.01) C10M 125/26 (2006.01) C10M 137/04 (2006.01) C10M 145/10 (2006.01) C10M 159/06 (2006.01)**
[25] EN
[54] **WATER-BASED LUBRICANT FOR PLASTIC WORKING OF METALLIC MATERIAL AND HAVING SUPERIOR SCUM CLOGGING RESISTANCE AND POST-MOISTURE ABSORPTION WORKABILITY**
[54] **LUBRIFIANT A BASE D'EAU DESTINE AU TRAVAIL PLASTIQUE D'UN MATERIAU METALLIQUE ET AYANT UNE RESISTANCE SUPERIEURE A L'ENCRASSEMENT ET UNE MANIABILITE D'ABSORPTION POST HUMIDIFICATION**
[72] MOCHIZUKI, MASARU, JP
[72] KUMAGAI, MANABU, JP
[72] KOBAYASHI, YUTA, JP
[73] NIHON PARKERIZING CO., LTD., JP
[85] 2016-01-07
[86] 2014-06-27 (PCT/JP2014/067173)
[87] (WO2015/005142)
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[51] **Int.Cl. B22D 41/00 (2006.01)**
[25] EN
[54] **FIREPROOF CERAMIC IMPACT PAD**
[54] **PLAQUE D'AMORTISSEMENT EN CERAMIQUE RESISTANTE AU FEU**
[72] LUKESCH, GERNOT, AT
[72] KOHLER, SARAH, AT
[72] HACKL, GERNOT, AT
[73] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO. KG, AT
[85] 2016-01-08
[86] 2014-07-03 (PCT/EP2014/064230)
[87] (WO2015/058870)
[30] EP (13189666.4) 2013-10-22

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[51] **Int.Cl. C22B 7/00 (2006.01) C22B 1/11 (2006.01) C22B 3/22 (2006.01) C22B 13/00 (2006.01)**
[25] EN
[54] **METHOD FOR RECYCLING LEAD OXIDE-CONTAINING WASTE MATERIAL**
[54] **PROCEDE DE RECYCLAGE DE DECHETS CONTENANT DE L'OXYDE DE PLOMB**
[72] PAN, JUNQING, CN
[72] LIU, XIAOWEI, CN
[72] SUN, YANZHI, CN
[72] MA, YONGQUAN, CN
[72] NIU, YINJIAN, CN
[72] CHEN, TIXIAN, CN
[72] ZHANG, XUAN, CN
[72] CAI, XIAOXIANG, CN
[72] SONG, SHUANG, CN
[72] ZHOU, MINGMING, CN
[72] ZHOU, LONGRUI, CN
[72] CAO, GUOQING, CN
[72] YANG, XINXIN, CN
[72] WANG, JIANGLIN, CN
[72] WU, XIN, CN
[73] CHILWEE POWER CO. LTD, CN
[73] BEIJING UNIVERSITY OF CHEMICAL TECHNOLOGY, CN
[85] 2016-01-14
[86] 2014-05-27 (PCT/CN2014/078491)
[87] (WO2015/123931)
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[13] C
[51] **Int.Cl. B60Q 1/38 (2006.01)**
[25] EN
[54] **DIRECTION INDICATOR SYSTEM AND DIRECTION INDICATOR DEVICE**
[54] **SYSTEME D'INDICATEUR DE DIRECTION ET DISPOSITIF INDICATEUR DE DIRECTION**
[72] OHKI, ISAO, JP
[73] SHINDENGEN ELECTRIC MANUFACTURING CO., LTD., JP
[85] 2015-10-06
[86] 2015-01-14 (PCT/JP2015/050775)
[87] (WO2016/113857)

[11] **2,920,018**
[13] C
[51] **Int.Cl. H04W 84/18 (2009.01) H04B 1/713 (2011.01)**
[25] EN
[54] **INTERLEAVING LOW TRANSMISSION POWER AND MEDIUM TRANSMISSION POWER CHANNELS IN COMPUTER NETWORKS**
[54] **ENTRELACEMENT DE CANAUX A FAIBLE PUISSANCE DE TRANSMISSION ET DE CANAUX A PUISSANCE DE TRANSMISSION MOYENNE DANS DES RESEAUX D'ORDINATEURS**
[72] HUI, JONATHAN W., US
[72] HONG, WEI, US
[72] VASSEUR, JEAN-PHILIPPE, FR
[73] CISCO TECHNOLOGY, INC., US
[85] 2016-02-04
[86] 2014-05-29 (PCT/US2014/040052)
[87] (WO2015/020717)
[30] US (13/960,663) 2013-08-06

[11] **2,920,874**
[13] C
[51] **Int.Cl. B21D 22/26 (2006.01) B21D 22/20 (2006.01) B21D 24/00 (2006.01)**
[25] EN
[54] **METHOD AND PRESS-FORMING APPARATUS FOR MANUFACTURING STRUCTURAL MEMBER FOR AUTOMOTIVE BODY**
[54] **PROCEDE ET APPAREIL DE FORMAGE SOUS PRESSE SERVANT A FABRIQUER UN ELEMENT STRUCTURAL DE CARROSSERIE D'AUTOMOBILE**
[72] ITO, YASUHIRO, JP
[72] NISHIMURA, RYUICHI, JP
[72] OTSUKA, KENICHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2016-02-09
[86] 2014-09-10 (PCT/JP2014/073970)
[87] (WO2015/053035)
[30] JP (2013-212069) 2013-10-09

[11] **2,920,915**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) G08G 5/00 (2006.01) G09B 9/08 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **A SIMULATION SERVER CAPABLE OF TRANSMITTING A VISUAL PREDICTION INDICATOR REPRESENTATIVE OF A PREDICTED SIMULATION EVENT DISCREPANCY**
[54] **UN SERVEUR DE SIMULATION CAPABLE DE TRANSMETTRE UN INDICATEUR DE PREDICTION VISUEL REPRESENTATIF D'UN ECART D'EVENEMENT DE SIMULATION PREVU**
[72] DELISLE, JEAN-FRANCOIS, CA
[73] CAE INC, CA
[86] (2920915)
[87] (2920915)
[22] 2016-02-17

[11] **2,920,988**
[13] C
[51] **Int.Cl. G09B 9/00 (2006.01) G08G 5/00 (2006.01) G09B 9/08 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **A SIMULATION SERVER CAPABLE OF TRANSMITTING A VISUAL ALARM REPRESENTATIVE OF A SIMULATION EVENT DISCREPANCY TO A COMPUTING DEVICE**
[54] **UN SERVEUR DE SIMULATION CAPABLE DE TRANSMETTRE UNE ALARME VISUELLE REPRESENTATIVE D'UN ECART D'EVENEMENT DE SIMULATION A UN DISPOSITIF INFORMATIQUE**
[72] MALO, SEBASTIEN, CA
[72] DELISLE, JEAN-FRANCOIS, CA
[73] CAE INC, CA
[86] (2920988)
[87] (2920988)
[22] 2016-02-17

[11] **2,921,499**
[13] C
[51] **Int.Cl. E21B 49/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **SOLVENT EXTRACTION AND ANALYSIS OF FORMATION FLUIDS FROM FORMATION SOLIDS AT A WELL SITE**
[54] **EXTRACTION PAR SOLVANT DE FLUIDES DE FORMATION DE MATIERES SOLIDES DE FORMATION ET LEUR ANALYSE SUR UN SITE DE FORAGE**
[72] JONES, CHRISTOPHER MICHAEL, US
[72] MITCHELL, IAN D.C., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-16
[86] 2013-10-03 (PCT/US2013/063257)
[87] (WO2015/050550)

[11] **2,921,664**
[13] C
[51] **Int.Cl. H04N 21/234 (2011.01) H04N 21/236 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR TRANSMITTING/RECEIVING BROADCASTING SIGNAL INCLUDING ROBUST HEADER COMPRESSION PACKET STREAM AND FAST INFORMATION**
[54] **PROCEDE ET APPAREIL D'EMISSION/RECEPTION D'UN SIGNAL DE DIFFUSION COMPRENANT UN FLUX DE PAQUETS A COMPRESSION ROBUSTE D'EN-TETE ET DES INFORMATIONS RAPIDES**
[72] KWON, WOOSUK, KR
[72] KO, WOOSUK, KR
[72] HONG, SUNGRYONG, KR
[72] OH, SEJIN, KR
[72] MOON, KYOUNGSOO, KR
[73] LG ELECTRONICS INC., KR
[85] 2016-02-17
[86] 2015-01-09 (PCT/KR2015/000250)
[87] (WO2015/108305)
[30] US (61/927,450) 2014-01-14

[11] **2,921,688**
[13] C
[51] **Int.Cl. B29C 59/02 (2006.01) B29C 59/14 (2006.01)**
[25] EN
[54] **A SOLIDIFIED, THERMALLY INSULATING COMPOSITION**
[54] **COMPOSITION SOLIDIFIEE THERMIQUEMENT ISOLANTE**
[72] KALGAONKAR, RAJENDRA A., IN
[72] WAGLE, VIKRANT B., IN
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2016-02-17
[86] 2013-09-23 (PCT/US2013/061250)
[87] (WO2015/041703)

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[13] C
[51] **Int.Cl. E21B 25/04 (2006.01) E21B 10/02 (2006.01) E21B 49/02 (2006.01)**
[25] EN
[54] **CORING TOOLS INCLUDING CORE SAMPLE FLAP CATCHER AND RELATED METHODS**
[54] **OUTILS DE CAROTTAGE COMPRENANT UN EXTRACTEUR DE CAROTTE ET PROCEDES CORRESPONDANTS**
[72] WESEMEIER, CHRISTOPH, DE
[72] UHLENBERG, THOMAS, DE
[73] BAKER HUGHES INCORPORATED, US
[85] 2016-03-07
[86] 2014-09-05 (PCT/US2014/054265)
[87] (WO2015/035147)
[30] US (61/874,797) 2013-09-06

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[13] C
[51] **Int.Cl. F16K 27/06 (2006.01) E03C 1/02 (2006.01) F16K 11/00 (2006.01)**
[25] EN
[54] **ENVIRONMENTAL FAUCET AND METHOD FOR PRODUCING THE SAME**
[54] **ROBINET ECOLOGIQUE ET METHODE DE PRODUCTION DUDIT ROBINET**
[72] LIANG, DESHENG, CN
[72] LI, JINGMING, CN
[72] YAN, JIANYONG, CN
[73] XIAMEN RUNNER INDUSTRIAL CORPORATION, CN
[86] (2925631)
[87] (2925631)
[22] 2016-03-31
[30] CN (201510248393.2) 2015-05-16

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[13] C
[51] **Int.Cl. F15D 1/02 (2006.01) G01F 1/44 (2006.01)**
[25] EN
[54] **ORIFICE PLATES**
[54] **PLAQUES A ORIFICES**
[72] VAN BUSKIRK, PAUL, US
[73] VAN BUSKIRK, PAUL, US
[85] 2016-03-29
[86] 2014-09-23 (PCT/US2014/057054)
[87] (WO2015/048043)
[30] US (61/883,069) 2013-09-26
[30] US (61/937,693) 2014-02-10
[30] US (14/489,149) 2014-09-17

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[13] C
[51] **Int.Cl. G09B 9/32 (2006.01) G02B 27/18 (2006.01)**
[25] EN
[54] **IMAGE GENERATOR FOR SUPPRESSING A GAP BETWEEN TWO ADJACENT REFLECTIVE SURFACES**
[54] **GENERATEUR D'IMAGE DESTINE A SUPPRIMER UN ESPACE ENTRE DEUX SURFACES REFLECHISSANTES ADJACENTES**
[72] NORTON, PAUL, CA
[73] CAE INC, CA
[86] (2925791)
[87] (2925791)
[22] 2016-03-31

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[13] C
[51] **Int.Cl. D21B 1/06 (2006.01)**
[25] EN
[54] **AIR DISPERSION OF MINERAL FIBERS IN CEILING TILE MANUFACTURE**
[54] **DISPERSION AERIENNE DE FIBRES MINERALES DANS LA FABRICATION DE TUILES DE PLAFOND**
[72] BROWN, MARTIN W., US
[73] USG INTERIORS, LLC, US
[85] 2016-04-11
[86] 2014-10-14 (PCT/US2014/060333)
[87] (WO2015/057602)
[30] US (14/054,927) 2013-10-16

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[13] C
[51] **Int.Cl. A62D 3/02 (2007.01) B01D 53/84 (2006.01) B09B 3/00 (2006.01) C02F 3/02 (2006.01) C02F 3/34 (2006.01)**
[25] FR
[54] **BIOFILTRATION SYSTEM AND PROCESS FOR COMBINED AND SIMULTANEOUS TREATMENT OF METHANE AND OF LEACHATE**
[54] **SYSTEME ET PROCEDE DE BIOFILTRATION POUR LE TRAITEMENT COMBINE ET SIMULTANE DE METHANE ET DE LIXIVIAT**
[72] TURGEON, NICOLAS, CA
[72] DUBE, RINO, CA
[72] BUELNA, GERARDO, CA
[72] LE BIHAN, YANN, CA
[73] CENTRE DE RECHERCHE INDUSTRIELLE DU QUEBEC, CA
[85] 2016-04-12
[86] 2014-10-23 (PCT/CA2014/051028)
[87] (WO2015/058306)
[30] US (61/894,668) 2013-10-23

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[51] **Int.Cl. B27N 7/00 (2006.01) B27N 3/04 (2006.01) B27N 9/00 (2006.01) B32B 5/28 (2006.01) B32B 21/02 (2006.01) B32B 37/14 (2006.01) B32B 38/08 (2006.01)**
[25] EN
[54] **FIRE RESISTANT ARTICLE, AND ASSOCIATED PRODUCTION METHOD**
[54] **ARTICLE RESISTANT AU FEU, ET PROCEDE DE PRODUCTION ASSOCIE**
[72] BAROUX, DANIEL, CA
[73] BLH TECHNOLOGIES INC., CA
[85] 2016-04-27
[86] 2014-10-30 (PCT/CA2014/051044)
[87] (WO2015/061905)
[30] US (61/898,200) 2013-10-31

[11] 2,929,005
[13] C
[51] Int.Cl. B65G 57/24 (2006.01) B65G 1/137 (2006.01) B65G 61/00 (2006.01)
[25] EN
[54] **METHOD AND ASSEMBLY FOR AUTOMATIC LAYER PICKING**
[54] **PROCEDE ET ENSEMBLE POUR LE PRELEVEMENT AUTOMATIQUE DE COUCHES**
[72] PAULUSSEN, GERARD, BE
[73] INTRION NV, BE
[85] 2016-04-28
[86] 2014-10-07 (PCT/EP2014/071413)
[87] (WO2015/062823)
[30] EP (13190549.9) 2013-10-28

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[13] C
[51] Int.Cl. A47K 10/16 (2006.01) D21H 27/00 (2006.01)
[25] EN
[54] **SMOOTH AND BULKY TOWEL**
[54] **SERVIETTE GONFLANTE ET LISSE**
[72] WEAVER, RYAN ANDREW, US
[72] HOLZ, JEFFREY DEAN, US
[72] BURAZIN, MARK ALAN, US
[72] COLLINS, LYNDA ELLEN, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2016-06-17
[86] 2013-11-27 (PCT/US2013/072238)
[87] (WO2015/080726)

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[13] C
[51] Int.Cl. A61M 25/10 (2013.01) A61B 5/01 (2006.01) A61B 5/042 (2006.01) A61B 18/02 (2006.01)
[25] EN
[54] **ACCESSORY TO ALLOW SENSING AT BALLOON INTERFACE**
[54] **ACCESSOIRE PERMETTANT UNE DETECTION A L'INTERFACE D'UN BALLONNET**
[72] MIHALIK, TERESA, CA
[73] MEDTRONIC CRYOCATH LP, CA
[85] 2016-06-16
[86] 2014-12-17 (PCT/CA2014/000892)
[87] (WO2015/113130)
[30] US (14/169,269) 2014-01-31

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[13] C
[51] Int.Cl. A01K 39/014 (2006.01) A01K 5/00 (2006.01) A01K 5/01 (2006.01)
[25] EN
[54] **APPARATUS FOR RAISING HATCHLINGS INCLUDING A PAPER STRIP**
[54] **APPAREIL D'ELEVAGE DE POUSSINS COMPRENANT UNE BANDE DE PAPIER**
[72] MAENDEL, ANDREW, CA
[73] MAENDEL, ANDREW, CA
[86] (2935098)
[87] (2935098)
[22] 2016-07-04

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[11] 2,936,512
[13] C
[51] Int.Cl. D06M 13/10 (2006.01) D03D 15/12 (2006.01)
[25] EN
[54] **A COMPOSITION, A METHOD FOR PREPARING SAID COMPOSITION, A METHOD FOR PREPARING A RIGIDIFIED FABRIC, THE RIGIDIFIED FABRIC SO OBTAINED, A FILTRATION DEVICE, METHODS FOR THE MANUFACTURE OF THE FILTRATION DEVICE, INSTALLATION, PROCESS AND USE OF SAID FILTRATION DEVICE FOR THE FILTRATION OF A LIQUID METAL OR AN ALLOY THEREOF**
[54] **COMPOSITION, SON PROCEDE DE PREPARATION, PROCEDE DE PREPARATION D'UN TISSU RIGIDIFIE, TISSU RIGIDIFIE AINSI OBTENU, DISPOSITIF DE FILTRATION, SES PROCEDES DE FABRICATION, INSTALLATION, TRAITEMENT ET UTILISATION DUDIT DISPOSITIF DE FILTRATION POUR LA FILTRATION D'UN METAL LIQUIDE OU D'UN ALLIAGE DE CELUI-CI**
[72] GOUIN, MARCEL, CA
[72] LACASSE, MAURICE, CA
[73] LES PRODUITS INDUSTRIELS DE HAUTE TEMPERATURE PYROTEK INC., CA
[85] 2016-07-15
[86] 2015-01-23 (PCT/CA2015/050047)
[87] (WO2015/109408)
[30] US (61/930,800) 2014-01-23

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[13] C
[51] Int.Cl. C09J 123/00 (2006.01) C09J 123/06 (2006.01)
[25] EN
[54] **POLYOLEFIN-BASED COMPOSITIONS, ADHESIVES, AND RELATED MULTI-LAYERED STRUCTURES PREPARED THEREFROM**
[54] **COMPOSITIONS A BASE DE POLYOLEFINE, ADHESIFS, ET STRUCTURES MULTI-COUCHES ASSOCIEES PREPAREES A PARTIR DE CEUX-CI**
[72] BOTROS, MAGED G., US
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[54] **PROCEDE DE FABRICATION D'UNE POUDRE DE NICKEL**
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[72] ZHANG, JUNHAO, JP
[72] HEGURI, SHIN-ICHI, JP
[72] OHARA, HIDEKI, JP
[72] IKEDA, OSAMU, JP
[72] YONEYAMA, TOMOAKI, JP
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[72] GANGOLI, SHAILESH PRADEEP, US
[72] HENDERSHOT, REED JACOB, US
[72] SANE, ANUP VASANT, US
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[72] BAILEY, BRENT ANDREW, CA
[72] MCFADYEN, STEPHEN B.E., CA
[72] WOOD, MICHAEL, CA
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[72] URANAKA, KYOUJI, JP
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[72] KARABOGA, ARNAUD SINAN, FR
[72] PEREZ-NUENO, VIOLETA ISABEL, ES
[72] SOUCHET, MICHEL, FR
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[73] TAYLOR-LISTUG, INC. D/B/A TAYLOR GUITARS, US
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[72] GROOTENHUIS, PETER D. J., US
[72] MILLER, MARK T., US
[72] MCCARTNEY, JASON, US
[72] VAN GOOR, FREDRICK, US
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[72] SCHUMACHER, HEINRICH GUNTER, DE
[72] ROTH, ANDREAS, DE
[73] EWM EICHELHARDTER WERKZEUG- UND MASCHINENBAU GMBH, DE
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[72] GERG, JAMES, US
[72] DE SILVA, PRAVEEN, US
[73] ABBOTT MEDICAL OPTICS INC., US
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[54] **METHODE DE COMMANDE DE LA DIRECTION D'UN OUTIL AGRICOLE SELON SA VITESSE**
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[72] WEISBERG, PAUL, CA
[72] ST-JEAN, MARC, CA
[72] DURANT, SHANE, CA
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[54] **CONTENANT D'EXPEDITION PRESENTANT UNE COUCHE IGNIFUGE ET UNE COUCHE DE BLOCAGE THERMIQUE**
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[72] GEHLHAUSEN, CARL, US
[73] NOCHAR, INC., US
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[54] SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE
[72] CIMOLAI, MAURO, US
[72] EHRESMAN, DERIK, US
[72] TRAUTMAN, MARK, US
[72] EDMUNDS, NEIL, CA
[72] TAYLOR, GEORGE, CA
[73] HARRIS CORPORATION, US
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[54] SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE
[72] CIMOLAI, MAURO, US
[72] EHRESMAN, DERIK, US
[72] TRAUTMAN, MARK, US
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[54] SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE
[72] CIMOLAI, MAURO, US
[72] EHRESMAN, DERIK, US
[72] EDMUNDS, NEIL, CA
[72] TRAUTMAN, MARK, US
[72] TAYLOR, GEORGE, CA
[73] HARRIS CORPORATION, US
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[54] EFFECTIVE SOLVENT EXTRACTION SYSTEM INCORPORATING ELECTROMAGNETIC HEATING
[54] SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE
[72] CIMOLAI, MAURO, US
[72] EHRESMAN, DERIK, US
[72] EDMUNDS, NEIL, CA
[72] TRAUTMAN, MARK, US
[72] TAYLOR, GEORGE, CA
[73] HARRIS CORPORATION, US
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[54] SYSTEME EFFICACE D'EXTRACTION PAR SOLVANT IMPLIQUANT UN CHAUFFAGE ELECTROMAGNETIQUE
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[72] EHRESMAN, DERIK, US
[72] EDMUNDS, NEIL, CA
[72] TRAUTMAN, MARK, US
[72] TAYLOR, GEORGE, CA
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[54] PROCEDE ET APPAREIL D'OPTIMISATION D'APPLICATION ET DE COLLABORATION DE DISPOSITIFS PORTABLES
[72] KREITZER, STUART S., US
[72] CORRETJER, JESUS F., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **MACHINE DE SURFACAGE DE PLANCHER**
[72] BERG, JOHAN, SE
[72] ROSEN, MAGNUS, SE
[72] FREIDLITZ, LARS, SE
[72] MADBRO, PAR, SE
[72] LEFF-HALLSTEIN, JOAKIM, SE
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[72] SADABADI, HAMID, CA
[72] CHOUDHURY, NEIL ROY, CA
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August 27, 2017 to September 2, 2017

Demandes canadiennes mises à la disponibilité du public

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[54] **BLOC DE PLATEFORME EN PLASTIQUE CREUX**
[72] PELLETIER, CHRISTIAN, CA
[72] MORNEAU, NICOLAS, CA
[71] PELLETIER, CHRISTIAN, CA
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[54] **MACHINE D'APPLICATION DE CONTREPOIDS ET METHODES D'UTILISATION ASSOCIEE**
[72] CHEVRIER, MAXIME, CA
[72] PARE, MATHIEU, CA
[72] BOULET, STEPHANE, CA
[72] BOULERICE, LORRAIN, CA
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[54] **NETTOYEUR DE FILTRE D'EVACUATION DE CHEMINEE**
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[54] **METHOD AND APPARATUS FOR CLEARING A WELLBORE**
[54] **METHODE ET APPAREIL DE NETTOYAGE D'UN TROU DE FORAGE**
[72] FLEISCHHACKER, DEAN, CA
[72] MAZEROLLE, MIKE, CA
[72] WINKLER, STEVEN, CA
[71] QUANTUM DOWNHOLE SYSTEMS INC., CA
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[54] **CATALYSEUR DE PHOSPHONIMINE AUTONOME**
[72] WANG, QINYAN, CA
[72] KONDAGE SAVINI UDARA SUDUWELI, AU
[72] FUNK, BRADLEY WADE, CA
[72] BALTIMORE, AMY MARIE, CA
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[54] **MULTIMETRE EN FORMAT STYLO A AFFICHEUR REGLABLE**
[72] UNKNOWN, ZZ
[71] THIBERT, MARIO, CA
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[54] **SYSTEME DE CHARGEMENT D'AIR**
[72] BIRAM, RAID R., CA
[71] BIRAM, RAID R., CA
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[54] **CIRCUIT ANALOGIQUE A PLAGE DYNAMIQUE ETENDUE DESTINE A LA MESURE DU COURANT DE SYSTEME D'ALIMENTATION HAUTE TENSION ET METHODES ASSOCIEES**
[72] GEOFFROY, LOUIS, CA
[72] DESROCHERS, ANDRE, CA
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[54] **SYSTEMES D'ENTRAINEMENT AU PATIN A GLACE**
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[54] **MSV PRO**
[54] **LOGICIEL MSV PRO**
[72] PYE, RICHARD L., CA
[71] PYE, RICHARD L., CA
[22] 2016-03-02
[41] 2017-09-02

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[54] **DOOR BREACHER**
[54] **DISPOSITIF D'ENFONCEMENT DE PORTE**
[72] DESGROSEILLIERS, RYAN ANDRE, CA
[72] HENRY, ANDREW MACKENZIE, CA
[72] GEAMANU, SERGIU MIHAI, RO
[72] BHULLAR, DEPINDER SINGH, CA
[72] FENSTER, RICHARD ELLIOT, CA
[72] BRACKEN, JAMES JOSEPH RUSSELL, CA
[72] CICCONE, MICHAEL, CA
[72] SUTHERLAND, RONALD ANDREW, CA
[71] OFF THE X INC., CA
[22] 2016-03-02
[41] 2017-09-02

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[51] **Int.Cl. B25B 29/00 (2006.01) B25B 13/02 (2006.01) B25B 13/06 (2006.01) B25B 23/16 (2006.01)**
[25] EN
[54] **TOOL ASSEMBLY**
[54] **ASSEMBLAGE D'OUTIL**
[72] KLIEN, RUDOLPH C., CA
[71] KLIEN, RUDOLPH C., CA
[22] 2016-03-02
[41] 2017-09-02

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[51] **Int.Cl. E04D 13/17 (2006.01) F24F 7/02 (2006.01)**
[25] EN
[54] **Z-CLOSURE MEMBER FOR RAISED SEAM ROOFS**
[54] **ELEMENT DE FERMETURE EN Z DESTINE A DES TOITURES A RACCORD RELEVE**
[72] GLICK, MANNY, US
[71] GLICK, MANNY, US
[22] 2016-03-02
[41] 2017-09-02

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[51] **Int.Cl. G06Q 40/02 (2012.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING INTEREST RATES AND INTEREST RATE BUY DOWN FOR INDIRECT FINANCING TRANSACTIONS**
[54] **SYSTEME ET METHODE PERMETTANT DE DETERMINER LES TAUX D'INTERET ET L'ACHAT D'UNE REDUCTION D'INTERET DANS LES TRANSACTIONS INDIRECTES**
[72] RIEGER, RAYMOND KEITH, CA
[71] POCKETBOOK PROTECTION INC., CA
[22] 2016-03-01
[41] 2017-09-01

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[51] **Int.Cl. H02S 20/23 (2014.01) H02S 20/25 (2014.01) E04D 13/18 (2014.01)**
[25] EN
[54] **ROOF INTEGRATED PHOTOVOLTAIC SYSTEM**
[54] **DISPOSITIF PHOTOVOLTAIQUE INTEGRE A LA TOITURE**
[72] RODRIGUES, TOMMY F., US
[72] RAILKAR, SUDHIR, US
[72] BOSS, DANIEL E., US
[72] GENNRICH, DAVID J., US
[72] DUQUE, LUIS, US
[72] LEE, DANIEL, US
[72] DZOBA, NAZAR, US
[71] BUILDING MATERIALS INVESTMENT CORPORATION, US
[22] 2016-02-29
[41] 2017-08-29

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[51] **Int.Cl. F04D 25/08 (2006.01) F04D 29/00 (2006.01) F04D 29/44 (2006.01)**
[25] EN
[54] **BUILT-IN AIR PUMP**
[54] **POMPE A AIR INTEGREE**
[72] LAU, VINCENT W. S., HK
[72] LONG, SHOUGUO, HK
[71] SUN PLEASURE COMPANY LIMITED, HK
[22] 2016-03-09
[41] 2017-09-02
[30] US (15/058997) 2016-03-02

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[25] EN
[54] **ROTATABLE AND TILTABLE LUMINAIRE**
[54] **LUMINAIRE PIVOTANT ET INCLINABLE**
[72] SEKOWSKI, DANIEL VINCENT, US
[72] SMITH, BRENT JAMES, US
[72] KELLY, RICK MARTIN, US
[71] ABL IP HOLDING LLC, US
[22] 2016-05-25
[41] 2017-08-29
[30] US (62/301347) 2016-02-29

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[51] **Int.Cl. B02C 19/00 (2006.01) B01J 19/12 (2006.01)**
[25] EN
[54] **PRESSURE INTERFERENCE WAVE MILL**
[54] **MOULIN A ONDE D'INTERFERENCE ET DIFFERENTIEL DE PRESSION**
[72] EBELS, TERRY, US
[72] POLING, CHRISTOPHER, US
[71] ENAGON WAVE TECHNOLOGY, LLC, US
[22] 2016-05-31
[41] 2017-09-01
[30] US (15/057,850) 2016-03-01

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[51] **Int.Cl. B65H 75/18 (2006.01) B65H 49/36 (2006.01) B65H 75/26 (2006.01)**
[25] EN
[54] **SPOOL-ASSEMBLY AND METHOD OF USE THEREOF**
[54] **ASSEMBLAGE DE BOBINE ET METHODE D'UTILISATION ASSOCIEE**
[72] PARE, MATHIEU, CA
[72] CHEVRIER, MAXIME, CA
[72] PREVOST, JEAN, CA
[71] PLOMBCO INC., CA
[22] 2016-06-07
[41] 2017-08-29
[30] US (62/334,181) 2016-05-10
[30] WO (PCT/CA2016/000056) 2016-02-29

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[25] EN
[54] **SPOOL MANAGEMENT SYSTEM AND METHOD OF USE THEREOF**
[54] **MECANISME DE GESTION DE BOBINE ET METHODE D'UTILISATION ASSOCIEE**
[72] PARE, MATHIEU, CA
[72] CHEVRIER, MAXIME, CA
[72] BOULET, STEPHANE, CA
[72] BOULERICE, LORRAIN, CA
[72] LEGAULT, DENIS, CA
[72] PREVOST, JEAN, CA
[71] PLOMBCO INC., CA
[22] 2016-08-17
[41] 2017-08-29
[30] US (15/238,827) 2016-08-17
[30] CA (2,922,039) 2016-02-29
[30] US (15/056,445) 2016-02-29

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[13] A1
[51] **Int.Cl. B62D 33/02 (2006.01) B60K 5/04 (2006.01) B62D 25/20 (2006.01)**
[25] EN
[54] **FLOOR RECESSES FOR A CARGO BOX**
[54] **CREUX DE PLANCHER DESTINE A UNE BOITE DE TRANSPORT DE MARCHANDISES**
[72] SIMARD, MIKHAEL, CA
[72] MARTINEAU, FREDERIC, CA
[72] DUMONT, MAXIME, CA
[72] AUBE, TOM, CA
[71] BOMBARDIER RECREATIONAL PRODUCTS INC., CA
[22] 2016-09-16
[41] 2017-08-29
[30] US (62/301,227) 2016-02-29

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[13] A1
[51] **Int.Cl. G01N 31/22 (2006.01)**
[25] EN
[54] **METHODS, COMPOSITIONS AND KITS FOR DETERMINING CLEANNESS OF A SURFACE**
[54] **METHODES, COMPOSITIONS ET TROUSSES PERMETTANT DE DETERMINER LA PROPRETE D'UNE SURFACE**
[72] DESROSIERS, DOMINIC, CA
[72] MARCHAND, PATRICK, CA
[71] SANI-MARC INC., CA
[22] 2016-10-18
[41] 2017-09-01
[30] US (62/301,716) 2016-03-01

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[51] **Int.Cl. A01C 7/06 (2006.01) A01C 11/00 (2006.01) A01C 23/00 (2006.01) B05B 12/00 (2006.01) B05D 1/02 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR DETERMINING AND VISUALLY DEPICTING SPRAY BAND LENGTH OF AN AGRICULTURAL FLUID APPLICATION SYSTEM**
[54] **SYSTEMES ET METHODES PERMETTANT DE DETERMINER ET DE DECRIRE VISUELLEMENT LA LONGUEUR DE BANDE DE PULVERISATION D'UN SYSTEME D'APPLICATION DE FLUIDE AGRICOLE**
[72] KOLB, TROY C., US
[72] MADISON, ADAM, US
[72] JOHNSON, TYRON, US
[72] DIEBALL, KENT, US
[71] CAPSTAN AG SYSTEMS, INC., US
[22] 2016-11-08
[41] 2017-09-01
[30] US (62/301,833) 2016-03-01
[30] US (15/343,713) 2016-11-04

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[51] **Int.Cl. H02M 1/08 (2006.01) H02M 7/493 (2007.01) B64D 33/00 (2006.01)**
[25] EN
[54] **BALANCING CURRENT WITHIN A MODULAR CONVERTER SYSTEM**
[54] **EQUILIBRAGE DU COURANT A L'INTERIEUR D'UN DISPOSITIF CONVERTISSEUR MODULAIRE**
[72] KROLAK, MATTHEW J., US
[72] LIU, SHENGYI, US
[71] THE BOEING COMPANY, US
[22] 2016-11-23
[41] 2017-08-29
[30] US (15/055,828) 2016-02-29

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[25] EN
[54] **INTEGRATED SMART SUSCEPTOR HEATER BLANKET DEBULK SYSTEM FOR COMPOSITES**
[54] **DISPOSITIF DE REDUCTION DE VOLUME D'UNE JAQUETTE CHAUFFANTE DE SUSCEPTEUR INTELLIGENT DESTINE A DES COMPOSITES**
[72] HOPKINS, ANDREW M., US
[72] SUTKUS, DONALD J., US
[72] KESTNER, JAMES M., US
[72] NOEL, JENNIFER S., US
[72] MILLER, ROBERT J., US
[72] MATSEN, MARC R., US
[72] HOTTES, CHRISTOPHER J., US
[72] KING, MARK E., US
[72] WALKER, DARREN R., US
[71] THE BOEING COMPANY, US
[22] 2016-12-02
[41] 2017-08-29
[30] US (15/056783) 2016-02-29

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[13] A1
[51] **Int.Cl. B64G 1/58 (2006.01)**
[25] EN
[54] **STRUCTURALLY INTEGRATED THERMAL MANAGEMENT SYSTEM FOR AEROSPACE VEHICLES**
[54] **SYSTEME DE GESTION THERMIQUE INTEGREE STRUCTURELLEMENT DESTINE A DES VEHICULES AEROSPATIAUX**
[72] BLANDING, DAVID E., US
[72] MULEY, ARUN, US
[72] COFFMAN, JEFFREY C., US
[72] AFFELEN, DOUG VAN, US
[71] THE BOEING COMPANY, US
[22] 2016-12-02
[41] 2017-08-29
[30] US (15/056,731) 2016-02-29

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[51] **Int.Cl. G08B 21/12 (2006.01) H04W 4/00 (2009.01) G06Q 10/00 (2012.01) H04N 5/335 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS OF IDENTIFYING BUILDING ASSETS USED IN A WALK TEST**
[54] **SYSTEMES ET METHODES D'IDENTIFICATION D'ACTIFS BATIS AU MOYEN D'UN CRITERE DE MARCHE A PIED**
[72] TETA, ROBERT JOHN, US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-12-16
[41] 2017-08-29
[30] US (15/056,460) 2016-02-29

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[51] **Int.Cl. A01B 63/32 (2006.01) A01B 63/14 (2006.01)**
[25] EN
[54] **HYDRAULIC CONTROL SYSTEM OF AN IMPLEMENT FOR A WORK MACHINE AND METHOD THEREOF**
[54] **SYSTEME DE COMMANDE HYDRAULIQUE D'UN ACCESSOIRE D'UNE MACHINE DE TRAVAIL ET METHODE ASSOCIEE**
[72] SPORRER, ADAM D., US
[72] RUCKLE, JARROD R., US
[71] DEERE & COMPANY, US
[22] 2016-12-19
[41] 2017-09-02
[30] US (15/058,745) 2016-03-02

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[13] A1
[51] **Int.Cl. F01D 17/02 (2006.01) F01D 17/08 (2006.01) F01D 21/14 (2006.01) F01D 25/12 (2006.01) F02C 7/14 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PIPING FAILURE DETECTION**
[54] **METHODE ET SYSTEME DE DETECTION DE DEFAILLANCE DE TUYAUTERIE**
[72] ADIBHATLA, SRIDHAR, US
[72] NOLTE, STEVEN EDWARD, US
[72] LITZLER, JEFFREY WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-12-22
[41] 2017-09-02
[30] US (15/059,116) 2016-03-02

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[51] **Int.Cl. A01B 63/14 (2006.01)**
[25] EN
[54] **AUTOMATED LEVELING AND DEPTH CONTROL SYSTEM OF A WORK MACHINE AND METHOD THEREOF**
[54] **SYSTEME AUTOMATISE DE NIVELLEMENT ET DE CONTROLE DE LA PROFONDEUR D'UNE MACHINE DE TRAVAIL ET METHODE ASSOCIEE**
[72] SPORRER, ADAM, D., US
[72] SIKORA, ANTHONY, US
[72] THEILEN, RICK B., US
[71] DEERE & COMPANY, US
[22] 2016-12-29
[41] 2017-09-02
[30] US (15/058,745) 2016-03-02
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[51] **Int.Cl. B64D 47/06 (2006.01) F21K 9/00 (2016.01) F21K 9/60 (2016.01) F21V 11/00 (2015.01)**
[25] EN
[54] **DUAL MODE AFT LIGHT**
[54] **LUMIERE ARRIERE DOUBLE MODE**
[72] FRANICH, DAVID, US
[71] GOODRICH LIGHTING SYSTEMS, INC., US
[22] 2016-12-29
[41] 2017-09-01
[30] US (15/057,706) 2016-03-01

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[51] **Int.Cl. B64D 45/04 (2006.01) G05D 1/10 (2006.01) G08G 5/02 (2006.01) G01C 21/00 (2006.01) G01S 7/02 (2006.01)**
[25] EN
[54] **AIRCRAFT LANDING SYSTEMS AND METHODS**
[54] **SYSTEMES ET METHODES D'ATTERRISSAGE D'AERONEF**
[72] YOCHUM, THOMAS E., US
[71] THE BOEING COMPANY, US
[22] 2017-01-06
[41] 2017-09-02
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[51] **Int.Cl. B29C 47/60 (2006.01)**
[25] EN
[54] **EXTRUDER, PLASTIC MOLDING PLANT OR COMPOUNDING PLANT AND METHOD FOR OPERATING SUCH A PLANT**
[54] **EXTRUDEUSE, USINE DE MOULAGE DE PLASTIQUE OU USINE DE MELANGEAGE ET METHODE D'EXPLOITATION D'UNE TELLE USINE**
[72] MICHELS, PATRICK, DE
[72] POHL, TIM CARSTEN, DE
[72] HERMES, RAPHAEL, DE
[72] JACOBI, JAN, DE
[72] SIEBIGTEROTH, PETER, DE
[71] REIFENHAUSER GMBH & CO. KG MASCHINENFABRIK, DE
[22] 2017-01-19
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[30] DE (10 2016 002 967.6) 2016-02-29

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[51] **Int.Cl. A45C 11/34 (2006.01) B43K 31/00 (2006.01) B65D 85/28 (2006.01)**
[25] EN
[54] **WRITING INSTRUMENT CASE**
[54] **BOITIER D'INSTRUMENT D'ECRITURE**
[72] BROWN, PRINCE EARL, JR., US
[72] DEBARTOLO, DANIEL FRANCIS, JR., US
[72] COPIER, ELLIOTT GUY, US
[72] KIM, EJUNG, US
[72] ZAVADA, MARK ALAN, US
[72] VAN DER BROECKE, STEFAAN, US
[71] SANFORD, L.P., US
[22] 2017-01-23
[41] 2017-08-29
[30] US (62/301,353) 2016-02-29

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[51] **Int.Cl. B65G 53/50 (2006.01) A01C 7/00 (2006.01) A01C 15/00 (2006.01) B65G 53/04 (2006.01) B65G 53/34 (2006.01)**
[25] EN
[54] **AIR DISTRIBUTION SYSTEM FOR A PNEUMATIC CONVEYING SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'AIR POUR UN SYSTEME DE TRANSPORT PNEUMATIQUE**
[72] HUI, KA PO CATHERINE, CA
[72] ROBERGE, MARTIN J., CA
[72] DENIS, JOEL JEAN-CLAUDE, CA
[72] CARLTON, OWEN ROBERT, CA
[72] THOMPSON, DENNIS GEORGE, CA
[71] CNH INDUSTRIAL CANADA, LTD., CA
[22] 2017-01-26
[41] 2017-08-29
[30] US (15/055,794) 2016-02-29

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[51] **Int.Cl. B62D 25/00 (2006.01) B60R 99/00 (2009.01)**
[25] EN
[54] **VEHICLE PARTITION**
[54] **DIVISION DE VEHICULE**
[72] RICHTER, THOMAS SCOTT, US
[71] ADRIAN STEEL COMPANY, US
[22] 2017-01-27
[41] 2017-08-29
[30] US (62/301,088) 2016-02-29

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[13] A1
[51] **Int.Cl. B60B 35/10 (2006.01) A01D 90/12 (2006.01) B62D 63/08 (2006.01)**
[25] EN
[54] **TELESCOPING AXLE FOR A VEHICLE**
[54] **ESSIEU TELESCOPIQUE DESTINE A UN VEHICULE**
[72] GAERKE, JOSHUA P., US
[71] J. & M. MANUFACTURING CO., INC., US
[22] 2017-02-07
[41] 2017-08-29
[30] US (15/055,969) 2016-02-29

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[13] A1
[51] **Int.Cl. B26B 29/02 (2006.01)**
[25] EN
[54] **KNIFE SHEATH**
[54] **PROTECTEUR DE COUTEAU**
[72] HEINE, MIKKO, FI
[72] MASALIN, PETTERI, FI
[72] SANDELIN, TEEMU, FI
[71] FISKARS FINLAND OY AB, FI
[22] 2017-02-09
[41] 2017-08-29
[30] FI (20165156) 2016-02-29

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[13] A1
[51] **Int.Cl. B64D 31/00 (2006.01) B64C 11/00 (2006.01)**
[25] EN
[54] **A SYSTEM AND METHOD FOR COORDINATING A PROPELLER WITH AN ELECTRONIC ENGINE CONTROL**
[54] **UN SYSTEME ET UNE METHODE DE COORDINATION D'UNE HELICE AVEC UNE COMMANDE DE MOTEUR ELECTRONIQUE**
[72] CARRINGTON, CHRISTOPHER ROY, GB
[71] GE AVIATION SYSTEMS LLC, US
[22] 2017-02-16
[41] 2017-08-29
[30] GB (1603447.2) 2016-02-29

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[13] A1
[51] **Int.Cl. B22C 9/10 (2006.01) B22C 9/12 (2006.01) B22F 3/15 (2006.01) B29C 33/38 (2006.01)**
[25] EN
[54] **CASTING WITH A SECOND METAL COMPONENT FORMED AROUND A FIRST METAL COMPONENT USING HOT ISOSTACTIC PRESSING**
[54] **COULAGE D'UNE DEUXIEME COMPOSANTE METALLIQUE FORMEE AUTOUR D'UNE PREMIERE COMPOSANTE METALLIQUE PAR PRESSAGE ISOSTATIQUE A CHAUD**
[72] BUNKER, RONALD SCOTT, US
[72] KONITZER, DOUGLAS GERARD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-08-29
[30] US (15/056,525) 2016-02-29

[21] **2,958,064**
[13] A1
[51] **Int.Cl. B22C 9/10 (2006.01) B22C 9/12 (2006.01) B29C 33/38 (2006.01)**
[25] EN
[54] **CASTING WITH FIRST METAL COMPONENTS AND SECOND METAL COMPONENTS**
[54] **COULAGE DE PREMIERES COMPOSANTES METALLIQUES ET DE DEUXIEMES COMPOSANTES METALLIQUES**
[72] BUNKER, RONALD SCOTT, US
[72] KONITZER, DOUGLAS GERARD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-08-29
[30] US (15/056,663) 2016-02-29

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[13] A1
[51] **Int.Cl. F01D 5/22 (2006.01) F01D 5/14 (2006.01)**
[25] EN
[54] **TURBINE ENGINE SHROUD ASSEMBLY**
[54] **ASSEMBLAGE D'ENVELOPPE DE TURBINE**
[72] SZRAJER, MAREK, PL
[72] LOPATA, PAWEL, PL
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-08-29
[30] PL (P.416301) 2016-02-29

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[13] A1
[51] **Int.Cl. B08B 5/00 (2006.01) B64F 5/30 (2017.01) B64D 33/00 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **DRY DETERGENT FOR CLEANING GAS TURBINE ENGINE COMPONENTS**
[54] **DETERGENT SEC DESTINE AU NETTOYAGE DE COMPOSANTES DE TURBINE A GAZ**
[72] ERIKSEN, MICHAEL EDWARD, US
[72] KULKARNI, AMBARISH JAYANT, US
[72] TIBBETTS, NICOLE JESSICA, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-09-01
[30] US (15/057,168) 2016-03-01

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[13] A1
[51] **Int.Cl. B22C 9/10 (2006.01) B22D 15/00 (2006.01) B22D 19/16 (2006.01) B22D 29/00 (2006.01) B22F 7/06 (2006.01)**
[25] EN
[54] **CASTING WITH METAL COMPONENTS AND METAL SKIN LAYERS**
[54] **FONTE DE COMPOSANTES METALLIQUES ET DE COUCHES PELLICULAIRES METALLIQUES**
[72] BUNKER, RONALD SCOTT, US
[72] KONITZER, DOUGLAS GERARD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-08-29
[30] US (15/056,545) 2016-02-29

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[13] A1
[51] **Int.Cl. B23K 20/12 (2006.01) B23P 6/00 (2006.01)**
[25] EN
[54] **IN SITU TIP REPAIR OF AN AIRFOIL TIP IN A GAS TURBINE ENGINE VIA FRICTIONAL WELDING**
[54] **REPARATION D'EXTREMITE SUR PLACE D'UNE EXTREMITE DE PROFIL AERODYNAMIQUE DANS UNE TURBINE A GAZ AU MOYEN DE SOUDAGE PAR FRICTION**
[72] DIWINSKY, DAVID SCOTT, US
[72] ROBERTS, HERBERT CHIDSEY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-09-01
[30] US (15/057,254) 2016-03-01

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[13] A1
[51] **Int.Cl. C04B 35/64 (2006.01) C04B 35/50 (2006.01) C04B 41/85 (2006.01)**
[25] EN
[54] **ENVIRONMENTAL BARRIER COATING AND METHODS OF PREPARATION**
[54] **REVETEMENT DE BARRIERE ENVIRONNEMENTALE ET METHODES DE PREPARATION**
[72] SAHA, ATANU, IN
[72] ANTOLINO, NICHOLAS EDWARD, US
[72] LIPKIN, DON MARK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-08-29
[30] IN (201641006985) 2016-02-29

[21] **2,958,152**
[13] A1
[51] **Int.Cl. B64F 5/40 (2017.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **GAS TURBINE IN SITU INFLATABLE BLADDERS FOR ON-WING REPAIR**
[54] **VESSIES GONFLABLES SUR PLACE DESTINEES A UNE TURBINE A GAZ EN VUE DE LA REPARATION SUR AILE**
[72] ROBERTS, HERBERT CHIDSEY, US
[72] DIWINSKY, DAVID SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-16
[41] 2017-09-01
[30] US (15/057,236) 2016-03-01

[21] **2,958,371**
[13] A1
[51] **Int.Cl. H04R 29/00 (2006.01) G01R 27/04 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR ADJUSTING AN OUTPUT TO AN AUDIO PORT BASED ON A DETERMINED SENSITIVITY**
[54] **DISPOSITIF ET METHODE D'AJUSTEMENT D'UNE SORTIE VERS UN PORT AUDIO FONDES SUR UNE SENSIBILITE DETERMINEE**
[72] LOWLES, ROBERT WILLIAM, CA
[72] LORENZ, CHRISTIAN, CA
[71] BLACKBERRY LIMITED, CA
[22] 2017-02-17
[41] 2017-09-01
[30] US (15/057426) 2016-03-01

[21] **2,958,373**
[13] A1
[51] **Int.Cl. A61F 2/12 (2006.01)**
[25] EN
[54] **PRESSURE CHANGER FOR A BREAST IMPLANT**
[54] **DISPOSITIF DE CHANGEMENT DE PRESSION DESTINE A UN IMPLANT MAMMAIRE**
[72] GOVARI, ASSAF, IL
[72] EPHRATH, YARON, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2017-02-17
[41] 2017-08-29
[30] US (62/301,180) 2016-02-29

[21] **2,958,387**
[13] A1
[51] **Int.Cl. A61L 2/28 (2006.01) C12Q 1/22 (2006.01)**
[25] EN
[54] **SELF-CONTAINED BIOLOGICAL INDICATOR**
[54] **INDICATEUR BIOLOGIQUE AUTONOME**
[72] AMIN, BEHNAM, US
[71] ETHICON, INC., US
[22] 2017-02-17
[41] 2017-09-01
[30] US (15/057,768) 2016-03-01

[21] **2,958,482**
[13] A1
[51] **Int.Cl. H05H 6/00 (2006.01) G21G 1/10 (2006.01) G21K 5/00 (2006.01)**
[25] EN
[54] **TARGET DEVICE, RADIONUCLIDE PRODUCING APPARATUS AND METHOD OF PRODUCING A RADIONUCLIDE**
[54] **DISPOSITIF CIBLE, APPAREIL DE PRODUCTION DE RADIONUCLEIDE ET METHODE DE PRODUCTION D'UN RADIONUCLEIDE**
[72] ITO, TAKU, JP
[71] NIHON MEDI-PHYSICS CO., LTD., JP
[22] 2017-02-21
[41] 2017-08-29
[30] JP (2016-037710) 2016-02-29

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[13] A1
[51] **Int.Cl. B60S 3/06 (2006.01) A46B 3/00 (2006.01) A46B 15/00 (2006.01)**
[25] EN
[54] **ROTARY BRUSH FOR WASHING SYSTEMS, PARTICULARLY FOR VEHICLES**
[54] **BROSSE ROTATIVE DESTINEE A DES APPAREILS DE LAVAGE, NOTAMMENT POUR LES VEHICULES**
[72] FAVAGROSSA, LEONARDO, IT
[71] FAVAGROSSA EDOARDO S.R.L., IT
[22] 2017-02-22
[41] 2017-09-01
[30] IT (102016000021618) 2016-03-01

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[13] A1
[51] **Int.Cl. C25C 3/12 (2006.01) B28B 1/08 (2006.01)**
[25] FR
[54] **COUNTER-PRESSURE DEVICE FOR A VIBROPACKING COMPACTION MACHINE AND MACHINE CONTAINING SUCH A DEVICE**
[54] **DISPOSITIF DE CONTREPRESSION POUR UNE MACHINE DE COMPACTION PAR VIBROTASSAGE ET MACHINE COMPRENANT UN TEL DISPOSITIF**
[72] PHILIPPAUX, VINCENT, FR
[72] TAXONERA, SYLVAIN, FR
[71] FIVES SOLIOS, FR
[22] 2017-02-21
[41] 2017-09-02
[30] FR (16/00359) 2016-03-02

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[13] A1
[51] **Int.Cl. B22C 9/10 (2006.01)**
[25] EN
[54] **CASTING WITH GRADED CORE COMPONENTS**
[54] **COULAGE DE COMPOSANTES A NOYAU CALIBRE**
[72] BUNKER, RONALD SCOTT, US
[72] KONITZER, DOUGLAS GERARD, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-23
[41] 2017-08-29
[30] US (15/056,703) 2016-02-29

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[13] A1
[51] **Int.Cl. B08B 5/02 (2006.01) B24C 1/00 (2006.01) B24C 3/32 (2006.01) F01D 25/00 (2006.01) F02C 7/00 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CLEANING GAS TURBINE ENGINE COMPONENTS**
[54] **SYSTEME ET METHODE DE NETTOYAGE DE COMPOSANTES DE TURBINE A GAZ**
[72] BEWLAY, BERNARD PATRICK, US
[72] KALB, BRIAN ALAN, US
[72] TIBBETTS, NICOLE JESSICA, US
[72] PRITCHARD, BYRON ANDREW, JR., US
[72] KULKARNI, AMBARISH JAYANT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2017-02-23
[41] 2017-09-01
[30] US (15/057,179) 2016-03-01

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[13] A1
[51] **Int.Cl. B60K 23/00 (2006.01) B60W 50/14 (2012.01) F16H 59/00 (2006.01) F16H 63/00 (2006.01)**
[25] EN
[54] **AUTOMATIC TRANSMISSION, CONTROL METHOD OF AUTOMATIC TRANSMISSION, VEHICLE AND CONTROL METHOD OF VEHICLE**
[54] **TRANSMISSION AUTOMATIQUE, METHODE DE COMMANDE DE TRANSMISSION AUTOMATIQUE, VEHICULE ET METHODE DE COMMANDE DE VEHICULE**
[72] MUTO, AKIO, JP
[72] TAKA, SHOHEI, JP
[72] ARAKI, MITSUHIRO, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-22
[41] 2017-08-29
[30] JP (2016-037931) 2016-02-29

[21] **2,958,905**
[13] A1
[51] **Int.Cl. F16H 3/10 (2006.01) B60K 23/00 (2006.01) F16H 29/00 (2006.01) F16H 59/68 (2006.01) F16H 61/22 (2006.01)**
[25] EN
[54] **AUTOMATIC TRANSMISSION AND CONTROL METHOD OF AUTOMATIC TRANSMISSION**
[54] **TRANSMISSION AUTOMATIQUE ET METHODE DE COMMANDE DE TRANSMISSION AUTOMATIQUE**
[72] TAKA, SHOHEI, JP
[72] ARAKI, MITSUHIRO, JP
[72] HORIGUCHI, TAKASHI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-22
[41] 2017-08-29
[30] JP (2016-037933) 2016-02-29

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[13] A1
[51] **Int.Cl. B65D 55/06 (2006.01)**
[25] EN
[54] **TAMPER EVIDENT AND RESISTANT CONTAINER**
[54] **CONTENANT RESISTANT COMPORTANT UN TEMOIN D'INVIOLABILITE**
[72] MYER, WAYNE J., US
[71] DART CONTAINER CORPORATION, US
[22] 2017-02-23
[41] 2017-09-02
[30] US (15/058,226) 2016-03-02

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[13] A1
[51] **Int.Cl. F16H 3/10 (2006.01) B60K 23/00 (2006.01) F16H 29/00 (2006.01) F16H 59/68 (2006.01) F16H 61/22 (2006.01)**
[25] EN
[54] **AUTOMATIC TRANSMISSION AND CONTROL METHOD OF AUTOMATIC TRANSMISSION**
[54] **TRANSMISSION AUTOMATIQUE ET METHODE DE COMMANDE DE TRANSMISSION AUTOMATIQUE**
[72] TAKA, SHOHEI, JP
[72] MUTO, AKIO, JP
[72] HORIGUCHI, TAKASHI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-22
[41] 2017-08-29
[30] JP (2016-037932) 2016-02-29

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[13] A1
[51] **Int.Cl. B60K 23/00 (2006.01) F16H 3/00 (2006.01) F16H 61/68 (2006.01)**
[25] EN
[54] **AUTOMATIC TRANSMISSION AND CONTROL METHOD OF AUTOMATIC TRANSMISSION**
[54] **TRANSMISSION AUTOMATIQUE ET METHODE DE COMMANDE DE TRANSMISSION AUTOMATIQUE**
[72] MUTO, AKIO, JP
[72] TAKA, SHOHEI, JP
[72] MURASAWA, HIROKI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-22
[41] 2017-08-29
[30] JP (2016-037930) 2016-02-29

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[13] A1
[51] **Int.Cl. A01D 34/63 (2006.01)**
[25] EN
[54] **LAWN MOWER**
[54] **TONDEUSE A GAZON**
[72] KURIYAGAWA, KOJI, JP
[72] YOSHIMURA, HAJIME, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-24
[41] 2017-08-29
[30] JP (2016-037119) 2016-02-29

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[13] A1
[51] **Int.Cl. B60W 10/02 (2006.01) B60W 10/04 (2006.01)**
[25] EN
[54] **CONTROL APPARATUS FOR VEHICULAR DRIVE UNIT**
[54] **APPAREIL DE COMMANDE DESTINE A UN MODULE D'ENTRAINEMENT DE VEHICULE**
[72] ISHIIZUMI, KAZUYA, JP
[72] FUJIKANE, TSUYOSHI, JP
[72] HATTORI, KOJI, JP
[72] HINO, AKIRA, JP
[72] FUKAO, MITSUHIRO, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[22] 2017-02-24
[41] 2017-09-02
[30] JP (2016-040502) 2016-03-02

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[13] A1
[51] **Int.Cl. A01D 34/67 (2006.01)**
[25] EN
[54] **LAWN MOWER**
[54] **TONDEUSE A GAZON**
[72] KURIYAGAWA, KOJI, JP
[72] YOSHIMURA, HAJIME, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-24
[41] 2017-08-29
[30] JP (2016-037209) 2016-02-29

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[13] A1
[51] **Int.Cl. A01D 34/82 (2006.01) A01D 34/67 (2006.01) A01D 34/76 (2006.01)**
[25] EN
[54] **LAWN MOWER**
[54] **TONDEUSE A GAZON**
[72] KURIYAGAWA, KOJI, JP
[72] YOSHIMURA, HAJIME, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-24
[41] 2017-08-29
[30] JP (2016-037306) 2016-02-29

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[13] A1
[51] **Int.Cl. A01D 43/063 (2006.01) A01D 34/64 (2006.01) A01D 34/71 (2006.01) A01D 34/82 (2006.01)**
[25] EN
[54] **LAWN MOWER**
[54] **TONDEUSE A GAZON**
[72] KURIYAGAWA, KOJI, JP
[72] YOSHIMURA, HAJIME, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-24
[41] 2017-08-29
[30] JP (2016-037163) 2016-02-29

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[13] A1
[51] **Int.Cl. A01D 34/76 (2006.01) A01D 34/63 (2006.01)**
[25] EN
[54] **LAWN MOWER**
[54] **TONDEUSE A GAZON**
[72] KURIYAGAWA, KOJI, JP
[72] YOSHIMURA, HAJIME, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-24
[41] 2017-08-29
[30] JP (2016-037267) 2016-02-29

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[13] A1
[51] **Int.Cl. G09B 29/10 (2006.01) G06Q 50/26 (2012.01) G06F 3/0481 (2013.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING AN INCENTIVE TO TRAVEL WITHIN A PARTICULAR AREA**
[54] **METHODE ET APPAREIL SERVANT A OFFRIR UN INCITATIF A VOYAGER DANS UNE REGION CIBLEE**
[72] WITKIN, CATHERINE S., US
[72] BHARGAVA, ESHA, US
[72] HIRSCH, JEFFREY N., US
[72] SPIRO, ALEXANDER R., US
[71] MOTOROLA SOLUTIONS, INC., US
[22] 2017-02-24
[41] 2017-09-01
[30] US (15/057,193) 2016-03-01

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[13] A1
[51] **Int.Cl. A61B 17/34 (2006.01) A61B 17/02 (2006.01) A61M 39/02 (2006.01)**
[25] EN
[54] **CLIP COLLAR ADVANCED FIXATION**
[54] **FIXATION EVOLUEE DE COLLIER A PINCE**
[72] BUYDA, OKSANA, US
[72] SGROI, ANTHONY, US
[72] TOKARZ, CHRISTOPHER, US
[71] COVIDIEN LP, US
[22] 2017-02-24
[41] 2017-08-29
[30] US (62/301,222) 2016-02-29
[30] US (15/432,227) 2017-02-14
[30] US (62/301,235) 2016-02-29

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[13] A1
[51] **Int.Cl. A61B 18/18 (2006.01)**
[25] EN
[54] **ABLATION ANTENNA INCLUDING CUSTOMIZABLE REFLECTORS**
[54] **ANTENNE D'ABLATION COMPORTANT DES REFLECTEURS ADAPTABLES**
[72] BRANNAN, JOSEPH D., US
[71] COVIDIEN LP, US
[22] 2017-02-24
[41] 2017-09-02
[30] US (15/058,485) 2016-03-02

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[13] A1
[51] **Int.Cl. B65D 88/20 (2006.01)**
[25] EN
[54] **BLADDER FOR CONTAINMENT VESSEL**
[54] **VESSIE POUR RECIPIENT DE CONFINEMENT**
[72] HINDBO, MONTE W., CA
[71] THINKTANK PRODUCTS INC., CA
[22] 2017-02-24
[41] 2017-09-02
[30] US (62/302,256) 2016-03-02

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[13] A1
[51] **Int.Cl. A01D 34/71 (2006.01) A01D 34/67 (2006.01) A01D 34/76 (2006.01) A01D 43/06 (2006.01)**
[25] EN
[54] **LAWN MOWER**
[54] **TONDEUSE A GAZON**
[72] KURIYAGAWA, KOJI, JP
[72] YOSHIMURA, HAJIME, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2017-02-24
[41] 2017-08-29
[30] JP (2016-037050) 2016-02-29

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[21] **2,959,227**
[13] A1
[51] **Int.Cl. H05K 7/18 (2006.01) A47B 46/00 (2006.01)**
[25] EN
[54] **RACK UNIT WITH PIVOTABLE REAR DESIGNATION PLATE**
[54] **MODULE DE SUPPORT COMPORTANT UNE PLAQUE DE DESIGNATION ARRIERE PIVOTANTE**
[72] BAKER, DANIEL LAVERNE, CA
[72] BRAZEAU, DAVID RAYMOND, CA
[72] PYLYPIW, DAVID JULIUS, CA
[71] AVP MFG & SUPPLY INC., CA
[22] 2017-02-28
[41] 2017-08-29
[30] US (62/301,090) 2016-02-29

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[13] A1
[51] **Int.Cl. E02F 3/36 (2006.01) E02F 9/00 (2006.01)**
[25] EN
[54] **IMPROVED MACHINE AND METHOD OF RETROFITTING TO AUTOMATICALLY CONNECT HYDRAULICS**
[54] **MACHINE AMELIOREE ET METHODE DE RENOVATION DESTINEE A DES MECANISMES HYDRAULIQUES DE CONNEXION**
[72] OLSON, JOHN WALTER, US
[71] OLSON, JOHN WALTER, US
[22] 2017-02-27
[41] 2017-08-29
[30] US (62/301,132) 2016-02-29
[30] US (15/441,435) 2017-02-24

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[13] A1
[51] **Int.Cl. F28F 9/00 (2006.01) F16L 25/00 (2006.01) F25C 3/02 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **COOLING MEMBER FOR A MOBILE ICE RINK**
[54] **ELEMENT DE REFROIDISSEMENT DESTINE A UN ANNEAU DE GLACE MOBILE**
[72] VAN NIGTEVECHT, HUGO JACOB, NL
[72] MOLENAAR, GUIDO WILLIAM, NL
[72] HOEKS, WILHELMUS ADOLFUS JOHANNES MARIE, NL
[71] ICE-WORLD HOLDING B.V., NL
[22] 2017-02-27
[41] 2017-09-02
[30] EP (16158284.6) 2016-03-02

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[13] A1
[51] **Int.Cl. G06F 3/0488 (2013.01) G06F 17/21 (2006.01)**
[25] EN
[54] **CONTEXT-AWARE FIELD VALUE SUGGESTIONS**
[54] **SUGGESTIONS DE VALEUR DE CHAMP SENSIBLE AU CONTEXTE**
[72] HOUSEWORTH, JASON, US
[71] HRB INNOVATIONS, INC., US
[22] 2017-02-24
[41] 2017-08-29
[30] US (15/056,428) 2016-02-29

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[13] A1
[51] **Int.Cl. E06B 3/54 (2006.01) E06B 3/48 (2006.01) E06B 3/58 (2006.01)**
[25] EN
[54] **IMPACT RESISTANT FULL VIEW DOOR**
[54] **PORTE PLEINE VUE RESISTANTE AUX IMPACTS**
[72] HABA, CHARLES A., US
[72] KORNISH, DWAYNE J., US
[72] TAYLOR, GREGORY R., US
[71] OVERHEAD DOOR CORPORATION, US
[22] 2017-02-27
[41] 2017-08-29
[30] US (62/301,246) 2016-02-29

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[13] A1
[51] **Int.Cl. A61G 13/10 (2006.01) A61B 90/14 (2016.01) A61G 13/12 (2006.01)**
[25] EN
[54] **SURGICAL PATIENT POSITIONER APPARATUS, SYSTEM AND METHOD**
[54] **APPAREIL DE POSITIONNEMENT D'UN PATIENT EN VUE D'UNE CHIRURGIE, SYSTEME ET METHODE**
[72] BLACKWELL, TIM, US
[72] COLE, EARL, US
[72] KOVACS, TAMAS, US
[71] INNOVATIVE MEDICAL PRODUCTS, INC., US
[22] 2017-02-27
[41] 2017-09-01
[30] US (15058137) 2016-03-01

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[13] A1
[51] **Int.Cl. B65D 51/24 (2006.01) B65D 41/02 (2006.01)**
[25] EN
[54] **CAP UNIT FOR A BEVERAGE CONTAINER**
[54] **MODULE DE CAPUCHON DESTINE A UN CONTENANT DE BOISSON**
[72] MARUYAMA, TAKAHIRO, JP
[72] MATSUYAMA, SHIN, JP
[71] THERMOS L.L.C., US
[71] THERMOS K.K., JP
[22] 2017-02-28
[41] 2017-09-01
[30] JP (2016-039242) 2016-03-01

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[13] A1
[51] **Int.Cl. G01V 1/30 (2006.01) E21B 47/04 (2012.01) E21B 47/10 (2012.01)**
[25] EN
[54] **METHOD FOR DETERMINING MAXIMUM HORIZONTAL STRESS MAGNITUDE AND DIRECTION USING MICROSEISMIC-DERIVED FRACTURE ATTRIBUTES AND ITS APPLICATION TO EVALUATING HYDRAULIC FRACTURE STIMULATION INDUCED STRESS CHANGES**
[54] **METHODE DE DETERMINATION DE L'AMPLITUDE DE LA CONTRAINTE HORIZONTALE MAXIMALE ET DE LA DIRECTION AU MOYEN D'ATTRIBUTS DE FRACTURE DERIVES DE MICROSEISME ET SON APPLICATION EN VUE DE L'EVALUATION DES CHANGEMENTS DE CONTRAINTE INDUITS PAR LA STIMULATION DE FRACTURATION HYDRAULIQUE**
[72] AGHARAZI, ALIREZA, US
[71] MICROSEISMIC, INC., US
[22] 2017-03-01
[41] 2017-09-02
[30] US (62/302,295) 2016-03-02

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[13] A1
[51] **Int.Cl. F21S 4/26 (2016.01) F21K 9/00 (2016.01) F21S 4/22 (2016.01) B60Q 1/00 (2006.01)**
[25] EN
[54] **DIFFUSED FLEXIBLE LED LINEAR LIGHT ASSEMBLY**
[54] **DISPOSITIF D'ECLAIRAGE A DEL LINEAIRE FLEXIBLE DIFFUSE**
[72] HOEK, STEVE, US
[72] MEYERS, SCOTT, US
[72] CAMAROTA, MICHAEL V., US
[71] ITC INCORPORATED, US
[22] 2017-02-28
[41] 2017-08-29
[30] US (15/056,138) 2016-02-29

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[13] A1
[51] **Int.Cl. H02G 11/00 (2006.01) A47B 67/00 (2006.01) A47B 81/00 (2006.01) A47B 97/00 (2006.01) H01R 35/02 (2006.01) H01R 35/04 (2006.01)**
[25] EN
[54] **COMPACT DRAWER UNIT**
[54] **MODULE DE TIROIR COMPACT**
[72] SWANSON, JASON, US
[72] DANIEL, DAVY, US
[72] ORTEGA, SCOTT, US
[71] MASTERBRAND CABINETS, INC., US
[22] 2017-02-28
[41] 2017-08-29
[30] US (62/301,011) 2016-02-29

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[21] 2,959,341
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DYNAMIC LAYAWAY INVENTORY MANAGEMENT**
[54] **APPAREIL ET METHODE DE GESTION DYNAMIQUE DE STOCK MIS DE COTE**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[71] WAL-MART STORES, INC., US
[22] 2017-02-28
[41] 2017-09-02
[30] US (62/302,556) 2016-03-02

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[13] A1
[51] **Int.Cl. A62C 8/00 (2006.01)**
[25] EN
[54] **DOOR BREACHER**
[54] **DISPOSITIF D'ENFONCEMENT DE PORTE**
[72] DESGROSEILLIERS, RYAN ANDRE, CA
[72] HENRY, ANDREW MACKENZIE, CA
[72] GEAMANU, SERGIU MIHAI, RO
[72] BHULLAR, DEPINDER SINGH, IN
[72] FENSTER, RICHARD ELLIOT, CA
[72] BRACKEN, JAMES JOSEPH RUSSELL, CA
[72] CICCONE, MICHAEL, CA
[72] SUTHERLAND, RONALD ANDREW, CA
[71] OFF THE X INC., CA
[22] 2017-02-28
[41] 2017-09-02
[30] CA (2,922,295) 2016-03-02

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[13] A1
[51] **Int.Cl. B60R 9/042 (2006.01)**
[25] EN
[54] **ADJUSTABLE AND SLIDING LADDER RACK APPARATUS**
[54] **APPAREIL DE SUPPORT D'ECHELLE COULISSANT ET AJUSTABLE**
[72] WILLIS, THOMAS M., US
[71] ADRIAN STEEL COMPANY, US
[22] 2017-02-28
[41] 2017-08-29
[30] US (62/301,565) 2016-02-29

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[13] A1
[51] **Int.Cl. E04B 1/41 (2006.01) B66C 1/66 (2006.01) E04B 1/35 (2006.01)**
[25] EN
[54] **LIFTING ANCHOR ASSEMBLY FOR PRECAST CONCRETE STRUCTURES**
[54] **MECANISME D'ANCRAGE DE LEVAGE DESTINE A DES STRUCTURES EN BETON PREMOULEES**
[72] HANSORT, MARINUS, US
[71] MIDWEST CONCRETE MASONRY AND SUPPLY, INC., US
[22] 2017-02-28
[41] 2017-08-29
[30] US (62/301,135) 2016-02-29
[30] US (15/443,459) 2017-02-27

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[51] **Int.Cl. E04B 1/41 (2006.01) B66C 1/66 (2006.01) E04G 21/14 (2006.01) F16B 45/00 (2006.01)**
[25] EN
[54] **LIFTING ANCHOR FOR PRECAST CONCRETE STRUCTURES**
[54] **ANCRAGE DE LEVAGE DESTINE A DES STRUCTURES EN BETON PREMOULEES**
[72] HANSORT, MARINUS, US
[71] MIDWEST CONCRETE MASONRY AND SUPPLY, INC., US
[22] 2017-02-28
[41] 2017-08-29
[30] US (62/301,150) 2016-02-29

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[51] **Int.Cl. A01G 23/10 (2006.01) A01G 23/14 (2006.01) C13B 10/00 (2011.01)**
[25] EN
[54] **METHOD OF HARVESTING MAPLE SAP**
[54] **METHODE DE RECOLTE DE SEVE D'ERABLE**
[72] VEILLEUX, ALAIN, CA
[71] HUTCHINSON ACRES INC., CA
[22] 2017-02-27
[41] 2017-08-29
[30] US (62/301,033) 2016-02-29

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[51] **Int.Cl. A47C 1/022 (2006.01) A47C 3/20 (2006.01) A47C 7/14 (2006.01) A47C 7/36 (2006.01) A61G 5/00 (2006.01)**
[25] EN
[54] **ADJUSTABLE CHAIR ASSEMBLY**
[54] **ENSEMBLE DE CHAISE AJUSTABLE**
[72] NADEAU, FREDERIC, CA
[72] CHAREST, VINCENT, CA
[72] SAULNIER, CAROLINE, CA
[72] HARNOIS, JACQUES, CA
[72] SAVAGE, GARRY, CA
[72] PELLERIN, DANIEL, CA
[71] SYNETIK ERGOCARE INC., CA
[22] 2017-03-01
[41] 2017-09-01
[30] US (62/301,881) 2016-03-01

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[13] A1
[51] **Int.Cl. B29C 35/08 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DRYING/CURING CHEMICAL PRODUCTS THROUGH LED MODULE**
[54] **APPAREIL ET METHODE DE SECHAGE/DURCISSEMENT DE PRODUITS CHIMIQUES AU MOYEN D'UN MODULE A DEL**
[72] BERTI, MIRCO, IT
[72] VIRNICCHI, TOMMASO, IT
[71] CEFLA SOCIETA' COOPERATIVA, IT
[22] 2017-03-01
[41] 2017-09-01
[30] IT (102016000021117) 2016-03-01

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[51] **Int.Cl. E02D 29/02 (2006.01)**
[25] EN
[54] **BUILDING ELEMENT FOR MAKING RETAINING WALL USING FILLING MATERIAL**
[54] **ELEMENT DE CONSTRUCTION SERVANT A FABRIQUER UN MUR DE SOUTENEMENT EN EMPLOYANT UN MATERIAU DE REMPLISSAGE**
[72] JAECKLIN, FELIX P., US
[71] EVERGREEN WALLS, INC., US
[22] 2017-03-02
[41] 2017-09-02
[30] US (62/302,793) 2016-03-02

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[51] **Int.Cl. B65D 1/40 (2006.01)**
[25] EN
[54] **DRINK CUP**
[54] **GOBELET A BOISSON**
[72] O'NAN, DAVID Y., US
[72] RUMINER, BRAD A., US
[72] MANN, JEFFREY A., US
[71] BERRY PLASTICS CORPORATION, US
[22] 2017-03-01
[41] 2017-09-01
[30] US (62/301,859) 2016-03-01

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[51] **Int.Cl. F16J 15/53 (2006.01) F02C 7/28 (2006.01) F16J 15/16 (2006.01)**
[25] EN
[54] **TANDEM MAGNETIC SEAL WITH SINGLE MAGNET**
[54] **JOINT MAGNETIQUE EN TANDEM DOTE D'UN AIMANT SIMPLE**
[72] DE LA BRUERE TERREAULT, JULIEN, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2017-02-28
[41] 2017-08-29
[30] US (15/056,354) 2016-02-29

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[13] A1
[51] **Int.Cl. B64D 47/00 (2006.01) G09F 21/06 (2006.01)**
[25] EN
[54] **AIRCRAFT MOUNTED DISPLAY MODULE**
[54] **MODULE DE PRESENTATION INSTALLE DANS UN AERONEF**
[72] WALKE, NILESH R., IN
[72] PATEL, AMAR, IN
[71] GOODRICH LIGHTING SYSTEMS, INC., US
[22] 2017-02-28
[41] 2017-09-02
[30] IN (201611007417) 2016-03-02

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[51] **Int.Cl. B28D 7/04 (2006.01) B23D 47/00 (2006.01) B23D 47/02 (2006.01) B28D 1/04 (2006.01)**
[25] EN
[54] **TABLE JOINING MECHANISM**
[54] **MECANISME DE JOINTAGE DE TABLE**
[72] DUTTERER, DAVID E., US
[71] TTI (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2017-03-01
[41] 2017-09-01
[30] US (62/301,925) 2016-03-01

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[51] **Int.Cl. B64G 4/00 (2006.01) B64G 1/10 (2006.01) B64G 1/66 (2006.01)**
[25] EN
[54] **DEPLOYMENT AND AIMING DEVICE**
[54] **DISPOSITIF DE DEPLOIEMENT ET DE VISEE**
[72] DUCARNE, JULIEN, FR
[72] BAUDASSE, YANNICK, FR
[72] GUINOT, FRANCOIS, FR
[71] THALES, FR
[22] 2017-03-01
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[30] FR (1600356) 2016-03-02

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[51] **Int.Cl. B65G 1/02 (2006.01) B62B 3/14 (2006.01) B62B 5/00 (2006.01) B65G 67/24 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **MOTORIZED TRANSPORT UNIT WORKER SUPPORT SYSTEMS AND METHODS**
[54] **SYSTEMES DE SUPPORT DE TRAVAILLEUR D'UNITE DE TRANSPORT MOTORISES ET METHODES**
[72] HIGH, DONALD R., US
[72] ATCHLEY, MICHAEL D., US
[72] WINKLE, DAVID C., US
[71] WAL-MART STORES, INC., US
[22] 2017-03-01
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[30] US (62/302,567) 2016-03-02

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[13] A1
[51] **Int.Cl. B62B 5/00 (2006.01)**
[25] EN
[54] **SHOPPING FACILITY DISCARDED ITEM SORTING SYSTEMS, DEVICES, AND METHODS**
[54] **SYSTEMES, DISPOSITIFS ET METHODES DE CLASSEMENT D'ARTICLE REJETE DANS UNE INSTALLATION D'ACHAT**
[72] HIGH, DONALD R., US
[72] WINKLE, DAVID C., US
[72] MCHALE, BRIAN G., US
[72] ATCHLEY, MICHAEL D., US
[71] WAL-MART STORES, INC., US
[22] 2017-03-01
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[30] US (62/302,713) 2016-03-02

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[25] EN
[54] **APPARATUS AND METHOD TO LINK MEDICAL DEVICE STERILIZATION EQUIPMENT**
[54] **APPAREIL ET METHODE SERVANT A RELIER UN EQUIPEMENT DE STERILISATION DE DISPOSITIF MEDICAL**
[72] KANH DANG, PHILIPPE, US
[72] DANAM, VENKATA, US
[72] LEV, YAEER, US
[72] CHILDS, JACOB S., US
[72] EGHBAL, DARIUS D., US
[72] YARWOOD, JEREMY M., US
[72] THOMPSON, BRIAN J., US
[71] ETHICON, INC., US
[22] 2017-03-01
[41] 2017-09-02
[30] US (62/302,257) 2016-03-02
[30] US (62/316,722) 2016-04-01
[30] US (62/376,517) 2016-08-18
[30] US (15/441,749) 2017-02-24

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[13] A1
[51] **Int.Cl. G01J 5/20 (2006.01)**
[25] FR
[54] **HEAT PATTERN SENSORS WITH ENCAPSULATED BOLOMETERS**
[54] **CAPTEUR DE MOTIFS THERMIQUES A BOLOMETRES SOUS CAPSULE(S)**
[72] BECKER, SEBASTIEN, FR
[72] MAINGUET, JEAN-FRANCOIS, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES, FR
[22] 2017-02-28
[41] 2017-09-01
[30] FR (16 51 705) 2016-03-01

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[13] A1
[51] **Int.Cl. C07F 5/02 (2006.01) A61K 31/69 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **BORON-CONTAINING SMALL MOLECULES**
[54] **PETITES MOLECULES RENFERMANT DU BORE**
[72] LI, XIANFENG, US
[72] LUNDE, CHRISTOPHER S., US
[72] JACOBS, ROBERT T., US
[72] ZHOU, YASHEEN, US
[71] ANACOR PHARMACEUTICALS, INC., US
[71] BILL AND MELINDA GATES FOUNDATION, US
[22] 2017-02-28
[41] 2017-09-02
[30] US (62/302,591) 2016-03-02

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[51] **Int.Cl. C07F 5/02 (2006.01) A61K 31/69 (2006.01) A61P 31/04 (2006.01)**
[25] EN
[54] **BORON-CONTAINING SMALL MOLECULES**
[54] **PETITES MOLECULES RENFERMANT DU BORE**
[72] LI, XIANFENG, US
[72] LUNDE, CHRISTOPHER S., US
[72] JACOBS, ROBERT T., US
[72] HERNANDEZ, VINCENT S., US
[72] XIA, YI, US
[72] PLATTNER, JACOB J., US
[72] CAO, KATHY JINGYUAN, US
[72] ZHANG, YONG-KANG, US
[72] PERRY, MATTHEW, US
[71] ANACOR PHARMACEUTICALS, INC., US
[71] BILL AND MELINDA GATES FOUNDATION, US
[22] 2017-02-28
[41] 2017-09-02
[30] US (62/302,564) 2016-03-02

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[13] A1
[51] **Int.Cl. H02J 7/00 (2006.01) B60L 5/00 (2006.01) B60L 11/18 (2006.01) B60S 5/00 (2006.01)**
[25] FR
[54] **IMPROVED FACILITY FOR CHARGING A VEHICLE BY CONDUCTION**
[54] **INSTALLATION AMELIOREE DE RECHARGE PAR CONDUCTION D'UN VEHICULE**
[72] HOURTANE, JEAN-LUC, FR
[72] MAURIN, FRANCOIS, FR
[72] NEVOT, NICOLAS, FR
[71] ALSTOM TRANSPORT TECHNOLOGIES, FR
[22] 2017-02-28
[41] 2017-09-02
[30] FR (16 51 787) 2016-03-02

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01) H04N 21/258 (2011.01) H04N 21/43 (2011.01)**
[25] EN
[54] **DETERMINING ADVERTISEMENT LOCATIONS BASED ON CUSTOMER INTERACTION**
[54] **DETERMINATION DES EMPLACEMENTS PUBLICITAIRES FONDEE SUR L'INTERACTION DU CLIENT**
[72] NEUMANN, JAN, US
[71] COMCAST CABLE COMMUNICATIONS, LLC, US
[22] 2017-02-28
[41] 2017-09-01
[30] US (15/057,824) 2016-03-01

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[13] A1
[51] **Int.Cl. B27B 31/06 (2006.01)**
[25] EN
[54] **TRACKING SYSTEM AND METHODS FOR TRACKING WOOD PRODUCTS IN A PRODUCTION LINE**
[54] **SYSTEME DE SUIVI ET METHODES DE SUIVI DES PRODUITS DE BOIS DANS UNE CHAINE DE PRODUCTION**
[72] VOYER, MARC, CA
[72] PAQUET, MARC-ANTOINE, CA
[71] VAB SOLUTIONS INC., CA
[22] 2017-03-01
[41] 2017-09-01
[30] US (62/301,797) 2016-03-01

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[51] **Int.Cl. B60B 33/00 (2006.01) A61G 5/10 (2006.01) B60B 33/02 (2006.01) B60B 33/04 (2006.01)**
[25] EN
[54] **WHEELCHAIR CASTER ASSEMBLY**
[54] **DISPOSITIF DE ROULETTE DE FAUTEUIL ROULANT**
[72] BLEAU, ALEXANDRE, CA
[72] ARCHAMBAULT, MICHAEL, CA
[72] COUTURE, PIERRE-ANDRE, CA
[72] STEPHANI, ALEC, CA
[72] LAMARRE, MAXIME, CA
[72] GINGRAS, DAVID, CA
[71] MOTION COMPOSITES INC., CA
[22] 2017-03-01
[41] 2017-09-01
[30] US (62/301,939) 2016-03-01
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[51] **Int.Cl. E21B 43/12 (2006.01) E21B 34/14 (2006.01) E21B 43/24 (2006.01)**
[25] EN
[54] **STEAM DIVERSION ASSEMBLY**
[54] **MECANISME DE DEVIATION DE VAPEUR**
[72] VAN PETEGEM, RONALD, US
[72] SKEATES, CRAIG, CA
[72] EMERSON, JOHN LEE, US
[72] DESRANLEAU, CHRIS, CA
[71] PACKERS PLUS ENERGY SERVICES INC., CA
[22] 2017-03-02
[41] 2017-09-02
[30] US (62/302,552) 2016-03-02

[21] **2,970,575**
[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE UNIT DOSE ARTICLES MADE FROM A COMBINATION OF DIFFERENT FILMS AND CONTAINING HOUSEHOLD CARE COMPOSITIONS**
[54] **ARTICLES DE DOSAGE UNIQUE HYDROSOLUBLES FAITS D'UNE COMBINAISON DE DIFFERENTES PELLICULES ET RENFERMANT DES PRODUITS D'ENTRETIEN MENAGER**
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] LABEQUE, REGINE, BE
[72] SOUTER, PHILIP FRANK, GB
[72] KEULEERS, ROBBY RENILDE FRANCOIS, BE
[72] RENMANS, MARC RENE BERT, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2017-06-13
[41] 2017-08-31
[30] US (62/349,649) 2016-06-13

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[51] **Int.Cl. B65D 65/46 (2006.01)**
[25] EN
[54] **WATER-SOLUBLE UNIT DOSE ARTICLES MADE FROM A COMBINATION OF DIFFERENT FILMS AND CONTAINING HOUSEHOLD CARE COMPOSITIONS**
[54] **ARTICLES DE DOSAGE UNIQUE HYDROSOLUBLES FAITS D'UNE COMBINAISON DE DIFFERENTES PELLICULES ET RENFERMANT DES PRODUITS D'ENTRETIEN MENAGER**
[72] COURCHAY, FLORENCE CATHERINE, BE
[72] LABEQUE, REGINE, BE
[72] FRIEDRICH, STEVEN GEORGE, US
[72] LEE, DAVID M., US
[72] NII, SHINSUKE, US
[72] YEUNG, LEE KON, US
[72] YOGAN, THOMAS J., US
[72] RENMANS, MARC RENE BERT, BE
[71] THE PROCTER & GAMBLE COMPANY, US
[22] 2017-06-13
[41] 2017-08-31
[30] US (62/349,332) 2016-06-13

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[13] A1
[51] **Int.Cl. E21B 43/24 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **RECOVERY OF HEAVY OIL FROM A SUBTERRANEAN RESERVOIR**
[54] **RECUPERATION DE PETROLE LOURD D'UN RESERVOIR SOUTERRAIN**
[72] KHALEDI, RAHMAN, CA
[72] MOTAHHARI, HAMED R., CA
[71] IMPERIAL OIL RESOURCES LIMITED, CA
[22] 2017-06-28
[41] 2017-08-31

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[13] A1
[51] **Int.Cl. E21B 43/16 (2006.01)**
[25] EN
[54] **CHASING SOLVENT FOR ENHANCED RECOVERY PROCESSES**
[54] **SOLVANT DE CHASSE DESTINE AUX PROCEDES AMELIORES DE RECUPERATION**
[72] WANG, JIANLIN, CA
[72] DONG, LU, CA
[72] GUO, WEIDONG, US
[72] FANG, CHEN, US
[72] SUITOR, MATHEW D., CA
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[71] IMPERIAL OIL RESOURCES LIMITED, CA
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[51] **Int.Cl. F24F 13/30 (2006.01) F24F 1/16 (2011.01) F24D 19/06 (2006.01) F24F 13/20 (2006.01)**
[25] EN
[54] **HEATING ELEMENT COVER COMPONENT, HEATING ELEMENT COVER, RADIANT COOLING AND HEATING APPARATUS, AND AIR CONDITIONING SYSTEM**
[54] **COMPOSANTE DE REVETEMENT D'ELEMENT CHAUFFANT, REVETEMENT D'ELEMENT CHAUFFANT, APPAREIL DE REFROIDISSEMENT ET CHAUFFAGE RADIANT ET SYSTEME DE CONDITIONNEMENT DE L'AIR**
[72] MURAKAMI, TAKANOBU, JP
[71] ECO FACTORY CO. LTD., JP
[85] 2016-04-26
[86] 2016-03-02 (PCT/JP2016/056366)
[87] (2924556)

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[51] **Int.Cl. A41F 9/02 (2006.01) A41D 1/06 (2006.01) A41D 1/14 (2006.01) A41F 9/00 (2006.01)**
[25] EN
[54] **DEVICE FOR ADJUSTING GIRTH OF WAISTBAND OF PANTS OR SKIRT**
[54] **DISPOSITIF D'AJUSTEMENT DE LA CIRCONFERENCE D'UNE BANDE DE TAILLE D'UN PANTALON OU D'UNE JUPEJUPE**
[72] PARK, HAE OH, KR
[71] PARK, HAE OH, KR
[71] CNUS CO., LTD., KR
[85] 2016-12-19
[86] 2016-07-07 (PCT/KR2016/007346)
[87] (2948685)
[30] KR (10-2016-0025346) 2016-03-02

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[13] A1
[51] **Int.Cl. A61K 47/61 (2017.01) A61K 8/73 (2006.01)**
[25] EN
[54] **DERIVATIVES OBTAINED FROM HYALURONIC ACID AND CARNOSINE**
[54] **DERIVES OBTENUS A PARTIR D'ACIDE HYALURONIQUE ET DE CARNOSINE**
[72] SCIUTO, SEBASTIANO, IT
[72] GRECO, VALENTINA, IT
[72] RIZZARELLI, ENRICO, IT
[72] BELLIA, FRANCESCO, IT
[72] LANZA, VALERIA, IT
[72] VACCARO, SUSANNA, IT
[72] MESSINA, LUCIANO, IT
[71] SCIUTO, SEBASTIANO, IT
[71] CONSIGLIO NAZIONALE DELLE RICERCHE, IT
[71] FIDIA FARMACEUTICI S.P.A., IT
[85] 2016-12-09
[86] 2015-07-30 (PCT/IB2015/055782)
[87] (WO2016/016847)
[30] IT (MI2014A001395) 2014-07-31

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[13] A1
[51] **Int.Cl. A61K 31/20 (2006.01) A23K 20/158 (2016.01) A23L 33/105 (2016.01) A23L 33/12 (2016.01) A23L 33/15 (2016.01) A61K 31/23 (2006.01) A61P 1/04 (2006.01) A61P 1/08 (2006.01) A61P 1/10 (2006.01)**
[25] EN
[54] **NUTRITIONAL COMPOSITION FOR USE TO TREAT OR PREVENT PREGNANCY RELATED CONDITIONS**
[54] **COMPOSITION NUTRITIONNELLE DESTINEE A ETRE UTILISEE POUR TRAITER OU PREVENIR DES ETATS LIES A LA GROSSESSE**
[72] GARCIA-RODENAS, CLARA LUCIA, CH
[72] SILVA ZOLEZZI, IRMA, CH
[72] LE, KIM-ANNE, CH
[72] WOOSTER, TIMOTHY JAMES, CH
[71] NESTEC S.A., CH
[85] 2016-12-16
[86] 2015-09-29 (PCT/EP2015/072396)
[87] (WO2016/050758)
[30] EP (14187062.6) 2014-09-30

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[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/137 (2006.01) A61K 47/06 (2006.01) A61K 47/24 (2006.01) A61K 47/34 (2017.01) A61P 11/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR THE TREATMENT OF EPISTAXIS**
[54] **COMPOSITIONS POUR LE TRAITEMENT DE L'EPISTAXIS**
[72] EILAT, ERAN, IL
[72] LOZINSKY, EVGENIA, IL
[71] TOPITECH PHARMA ISRAEL LTD., IL
[85] 2016-12-16
[86] 2015-05-01 (PCT/IB2015/001451)
[87] (WO2016/178053)

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[13] A1
[51] **Int.Cl. A61K 8/27 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **DENTAL STAIN REMOVAL AND PREVENTION**
[54] **ELIMINATION ET PREVENTION DES TACHES DENTAIRES**
[72] REGE, AARTI, US
[72] SURIANO, DAVID, US
[72] SULLIVAN, RICHARD, US
[71] COLGATE-PALMOLIVE COMPANY, US
[85] 2016-12-16
[86] 2015-07-31 (PCT/US2015/043033)
[87] (WO2016/022402)
[30] US (62/035,036) 2014-08-08

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[13] A1
[51] **Int.Cl. A61K 8/27 (2006.01) A61K 8/22 (2006.01) A61Q 11/00 (2006.01)**
[25] EN
[54] **ORAL CARE COMPOSITIONS COMPRISING ZINC COMPOUNDS AND PEROXIDE COMPOUNDS**
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[72] NESTA, JASON, US
[72] CHOPRA, SUMAN, US
[71] COLGATE-PALMOLIVE COMPANY, US
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[54] **METHODS, COMPOUNDS, AND COMPOSITIONS FOR THE TREATMENT OF MUSCULOSKELETAL DISEASES**
[54] **METHODES, COMPOSES ET COMPOSITIONS POUR LE TRAITEMENT DE MALADIES MUSCULO-SQUELETTIQUES**
[72] GAFFNEY, KEVIN J., US
[72] RODGERS, KATHLEEN E., US
[72] LOUIE, STAN G., US
[72] DIZEREGA, GERE S., US
[72] PETASIS, NICOS A., US
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[54] **A COMBINATION OF VITAMIN D AND ZINC AND ITS USE**
[54] **COMBINAISON DE VITAMINE D ET DE ZINC ET SON UTILISATION**
[72] SILVA ZOLEZZI, IRMA, CH
[72] MINEHIRA CASTELLI, KAORI, CH
[72] SAKAMOTO, KEI, CH
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[72] DEROSA, FRANK, US
[72] KARVE, SHRIRANG, US
[72] HEARTLEIN, MICHAEL, US
[71] SHIRE HUMAN GENETIC THERAPIES, INC., US
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[25] EN
[54] **PROTEASE MODULATING WOUND INTERFACE LAYER FOR USE WITH NEGATIVE PRESSURE WOUND THERAPY**
[54] **COUCHE D'INTERFACE DE PLAIE A MODULATION DE PROTEASES POUR UTILISATION LORS DU TRAITEMENT DE PLAIES EN PRESSION NEGATIVE**
[72] LOCKE, CHRISTOPHER BRIAN, GB
[72] ROBINSON, TIMOTHY MARK, GB
[72] CULLEN, BREDA MARY, GB
[71] KCI LICENSING, INC., US
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[54] **CARTON ET EBAUCHE DE CARTON**
[72] PEELER, ANDREW T., US
[72] LOFTIN, CALEB S., US
[72] WALLING, BRADFORD J., US
[72] BALL, NATHANIEL B., US
[71] WESTROCK PACKAGING SYSTEMS, LLC, US
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[54] **EMM-26, A NOVEL SYNTHETIC CRYSTALLINE MATERIAL, ITS PREPARATION, AND ITS USE**
[54] **EMM-26, UN NOUVEAU MATERIAU CRISTALLIN SYNTHETIQUE, SA PREPARATION ET SON UTILISATION**
[72] BURTON, ALLEN W., US
[72] STROHMAIER, KARL G., US
[72] VROMAN, HILDA B., US
[72] AFEWORKI, MOBAE, US
[72] RAVIKOVITCH, PETER I., US
[72] PAUR, CHARANJIT S., US
[72] ZOU, XIAODONG, SE
[72] GUO, PENG, SE
[72] SUN, JUNLIANG, SE
[71] EXXONMOBIL RESEARCH AND ENGINEERING COMPANY, US
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[54] **A MULTI-CYLINDER SYNCHRONOUS ENERGY-SAVING AND EFFICIENT HYDRAULIC LIFT SYSTEM AND METHOD THEREOF**
[54] **UN MECANISME HYDRAULIQUE EFFICACE ET ECOENERGETIQUE SYNCHRONE MULTI-PISTON ET METHODE ASSOCIEE**
[72] CAO, GUOHUA, CN
[72] HUANG, YUHONG, CN
[72] ZHU, ZHENCAI, CN
[72] PENG, WEIHONG, CN
[72] PENG, YUXING, CN
[72] LIU, SHANZENG, CN
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[54] **A METHOD FOR PREPARING A POWDER OF BROWN MACROALGAE BY STIRRING AND A METHOD OF MANUFACTURING RIGID OBJECTS FROM SAID POWDER**
[54] **PROCEDE DE PREPARATION D'UNE POUDRE DE MACROALGUES BRUNES PAR MALAXAGE ET PROCEDE DE FABRICATION D'OBJETS RIGIDES A PARTIR DE LADITE POUDRE**
[72] LUCAS, REMY, FR
[71] ALGOPACK, FR
[71] ALGOPACK, FR
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[54] **GUSSETED ROTARY SPINNERS FOR PRODUCING FIBER FROM MOLTEN MATERIAL**
[54] **PANIERS CENTRIFUGEURS ROTATIFS A SOUFFLETS POUR LA PRODUCTION DE FIBRE A PARTIR DE MATERIAU FONDU**
[72] ZEMBRODT, ROBERT W., US
[72] JOHNSON, WALTER A., US
[72] WLODARCZYK, PAUL, US
[71] KNAUF INSULATION, INC., US
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[54] **PROCESSING PARTICLES**
[54] **PARTICULES DE TRAITEMENT**
[72] TAGA, TIMOTHY MICHAEL, US
[72] ORAM, ANNE BAKER, US
[72] TAYLOR, LINDA A., US
[72] HLAVINKA, DENNIS J., US
[71] TERUMO BCT, INC., US
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[25] EN
[54] **METHODS, SYSTEMS, AND COMPUTER PROGRAM PRODUCTS FOR DETECTING A SURFACE USING A PIPETTE AND/OR POSITIONING A PIPETTE**
[54] **PROCEDES, SYSTEMES ET PRODUITS PROGRAMMES D'ORDINATEUR POUR LA DETECTION D'UNE SURFACE A L'AIDE D'UNE PIPETTE ET/OU DU POSITIONNEMENT D'UNE PIPETTE**
[72] PINGEL, DANIEL JOSEPH, US
[72] LUEBBERT, DANIEL OLIVER, US
[72] HARRISON, JOEL PATRICK, US
[72] PIONKE, JEREMEY JOSEPH, US
[71] BIOMERIEUX, INC., US
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[54] **TYMPANOSTOMY TUBE DELIVERY DEVICE WITH REPLACEABLE SHAFT PORTION**
[54] **DISPOSITIF DE POSE DE TUBE DE TYMPANOTOMIE AYANT UNE PARTIE TIGE REMPLACABLE**
[72] ANDREAS, BERNARD H., US
[72] GROSS, THOMAS D., US
[71] TUSKER MEDICAL, INC., US
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[54] **OSTOMY APPLIANCE**
[54] **ACCESSOIRE DE STOMIE**
[72] WILTSHIRE, NEIL, GB
[72] ARGENT, PETER, GB
[71] SALTS HEALTHCARE LIMITED, GB
[85] 2017-02-07
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[54] **TOP SERVICE CLAMPING CYLINDERS FOR A GYRATORY CRUSHER**
[54] **CYLINDRES DE SERRAGE A ENTRETIEN PAR LE HAUT POUR CONCASSEUR GIRATOIRE**
[72] KAJA, DEAN MICHAEL, US
[71] METSO MINERALS INDUSTRIES, INC., US
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[25] FR
[54] **CASING CONSISTING OF A COMPOSITE MATERIAL WITH A SELF-STIFFENED ORGANIC MATRIX**
[54] **CARTER EN MATERIAU COMPOSITE A MATRICE ORGANIQUE AUTO-RAIDI**
[72] MARIN, SEBASTIEN, FR
[72] LOMBART, QUENTIN DAMIEN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-02-08
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[54] **IMPLANT GLENOIDE**
[72] KOVACS, MICHAEL FRANCIS, US
[72] MCDANIEL, JOHN M., US
[72] WINSLOW, NATHAN A., US
[72] VANASSE, THOMAS M., US
[72] KEHRES, CLINTON E., US
[72] WACK, MICHAEL A., US
[71] BIOMET MANUFACTURING, LLC., US
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[54] **STRENGTH AGENT, ITS USE AND METHOD FOR INCREASING STRENGTH PROPERTIES OF PAPER**
[54] **AGENT DE RESISTANCE, SON UTILISATION ET PROCEDE POUR AUGMENTER LES PROPRIETES DE RESISTANCE DE PAPIER**
[72] HIETANIEMI, MATTI, FI
[72] LILLANDT, MARCUS, FI
[72] VANHATALO, KARI, FI
[72] KOSKIMAKI, ASKO, FI
[71] KEMIRA OYJ, FI
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[25] FR
[54] **DIFFUSER VANE MADE OF COMPOSITE MATERIAL FOR A GAS TURBINE ENGINE AND METHOD FOR MANUFACTURING SAME**
[54] **AUBE DE REDRESSEUR EN MATERIAU COMPOSITE POUR MOTEUR A TURBINE A GAZ ET SON PROCEDE DE FABRICATION**
[72] PAUTARD, SEBASTIEN, FR
[72] BRIEND, MAXIME, FR
[72] TROUSSET, EMILIE, FR
[72] DUNLEAVY, PATRICK, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] SAFRAN, FR
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[54] **CONTROL DEVICE FOR FAUCET ASSEMBLIES**
[54] **DISPOSITIF DE COMMANDE D'ASSEMBLAGES DE ROBINET**
[72] TANG, TAIYING, CN
[71] GUANGZHOU SEAGULL KITCHEN AND BATH PRODUCTS CO., LTD, CN
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[25] EN
[54] **SIZING COMPOSITION, ITS USE AND A METHOD FOR PRODUCING PAPER, BOARD OR THE LIKE**
[54] **COMPOSITION D'ENCOLLAGE, SON UTILISATION ET PROCEDE POUR PRODUIRE DU PAPIER, DU CARTON, OU SIMILAIRE**
[72] HIETANIEMI, MATTI, FI
[72] HEMMES, JAN-LUIKEN, DE
[72] GRIGORIEV, VLADIMIR, DE
[72] KARPPI, ASKO, FI
[71] KEMIRA OYJ, FI
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[54] **GRANULAR FILTRATION MEDIA MIXTURE AND USES IN WATER PURIFICATION**
[54] **MELANGE DE MILIEUX DE FILTRATION GRANULAIRES ET UTILISATIONS DANS LA PURIFICATION DE L'EAU**
[72] CHEN, YONGJUN, US
[72] KAWAI, HIROYUKI, US
[72] BOTTARI, PATRICIA Q., US
[72] ASHLEY, CHRISTOPHER R., US
[72] MASON, ANDREW F., US
[71] HALOSOURCE, INC., US
[85] 2017-02-14
[86] 2015-08-14 (PCT/US2015/045339)
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[25] EN
[54] **RESPIRATOR INCLUDING POLYMERIC NETTING AND METHOD OF FORMING SAME**
[54] **RESPIRATEUR COMPRENANT UN FILET POLYMERE ET SON PROCEDE DE FORMATION**
[72] NGUYEN, NHAT HA THI, US
[72] XUE, THOMAS J., US
[72] ANGADJIVAND, SEYED A., US
[72] AUSEN, RONALD W., US
[72] KOPECKY, WILLIAM J., US
[72] GIBSON, MARK T., US
[72] HANSSON, OLOF N., SE
[72] KRONZER, JOSEPH P., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[51] **Int.Cl. B65D 71/50 (2006.01) B65D 71/70 (2006.01)**
[25] EN
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[54] **ELEMENT COUVRANT POUR CHARGEMENT**
[72] JOWETT, LEIGH, GB
[72] BUTTERWORTH, JOHN, GB
[72] BAKER, MARTIN LESLIE, GB
[71] LOADHOG LIMITED, GB
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[87] (WO2016/034837)
[30] GB (1415588.1) 2014-09-03
[30] GB (1503240.2) 2015-02-26
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[51] **Int.Cl. B05C 7/02 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR REPAIRING A HOLE IN A PART**
[54] **DISPOSITIF ET PROCEDE DE REPARATION D'UN TROU D'UNE PIECE**
[72] TELLIER, FLORIAN, FR
[72] PAIXAO, ADRIEN, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
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[54] **LUG CLOSURE**
[54] **FERMETURE A LANGUETTE**
[72] SIMS, BART, US
[72] GERMAN, GALEN, US
[71] CROWN PACKAGING TECHNOLOGY, INC., US
[85] 2017-02-17
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[25] EN
[54] **METHOD TO IMPROVE SURFACE FINISH OF GYPSUM COVERED WITH GLASS FIBER MAT**
[54] **PROCEDE POUR AMELIORER LA QUALITE D'ETAT DE SURFACE DE GYPSE RECOUVERT D'UN MAT DE FIBRES DE VERRE**
[72] LI, ALFRED, US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2017-02-20
[86] 2015-08-13 (PCT/US2015/045012)
[87] (WO2016/032762)
[30] US (14/467,257) 2014-08-25

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[51] **Int.Cl. D21C 7/06 (2006.01) D21C 7/10 (2006.01)**
[25] EN
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[54] **CHAUFFAGE DE DIGESTEURS HYDRAULIQUES**
[72] KETTUNEN, AUVO, FI
[72] HEINAMAKI, PASI, FI
[72] PELTONEN, KARI, FI
[72] RAMARK, HANNU, FI
[71] ANDRITZ OY, FI
[85] 2017-02-20
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[51] **Int.Cl. D21H 27/40 (2006.01) B31F 1/12 (2006.01)**
[25] EN
[54] **METHODS OF MAKING PAPER PRODUCTS USING A MULTILAYER CREPING BELT, AND PAPER PRODUCTS MADE USING A MULTILAYER CREPING BELT**
[54] **PROCEDES DE FABRICATION DE PRODUITS DE PAPIER A L'AIDE D'UNE COURROIE DE CREPAGE MULTICOUCHE ET PRODUITS DE PAPIER FABRIQUES A L'AIDE D'UNE COURROIE DE CREPAGE MULTICOUCHE**
[72] SZE, DANIEL H., US
[72] CHOU, HUNG LIANG, US
[72] FAN, XIAOLIN, US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2017-02-21
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[54] **BAKING SYSTEM**
[54] **SYSTEME DE CUISSON**
[72] CHOUEIRI, TED, CH
[72] PERENTES, ALEXANDRE, CH
[72] ERLE, ULRICH JOHANNES, US
[71] NESTEC S.A., CH
[85] 2017-02-22
[86] 2015-08-27 (PCT/EP2015/069587)
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[25] EN
[54] **EMBOSSED MULTILAYERED CELLULOSE PRODUCT AND MEANS FOR THE PRODUCTION THEREOF**
[54] **PRODUIT EN CELLULOSE MULTICOUCHE GAUFRE ET SON MOYEN DE FABRICATION**
[72] STEFANI, EMI, IT
[71] SOFIDEL S.P.A., IT
[85] 2017-02-22
[86] 2015-08-06 (PCT/IB2015/055968)
[87] (WO2016/030784)
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[25] EN
[54] **CARBON CAPTURE SOLVENTS HAVING ALCOHOLS AND AMINES AND METHODS FOR USING SUCH SOLVENTS**
[54] **SOLVANTS DE CAPTURE DE CARBONE CONTENANT DES ALCOOLS ET DES AMINES, ET PROCEDES POUR UTILISER LESDITS SOLVANTS**
[72] BUMB, PRATEEK, GB
[71] CARBON CLEAN SOLUTIONS LIMITED, GB
[85] 2017-02-22
[86] 2015-08-21 (PCT/IB2015/001855)
[87] (WO2016/027164)
[30] US (62/040,911) 2014-08-22

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[51] **Int.Cl. D06C 23/02 (2006.01) D06Q 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF GENERATING A PATTERN OR IMAGE ON FABRIC WITH LINEAR LASER IRRADIATION, FABRIC MADE BY SAID METHOD, AND PRODUCTS MADE WITH SAID FABRIC**
[54] **SYSTEME ET PROCEDE DE GENERATION D'UN MOTIF OU D'UNE IMAGE SUR UNE ETOFFE PAR IRRADIATION LASER LINEAIRE, ETOFFE REALISEE PAR LEDIT PROCEDE ET PRODUITS REALISES AVEC LADITE ETOFFE**
[72] THARPE, RALPH BERNARR, US
[72] COSTIN, DARRYL J., JR., US
[71] REVOLAZE, LLC, US
[85] 2017-02-22
[86] 2015-08-27 (PCT/US2015/047266)
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[25] EN
[54] **INJECTION MOLDED PANELS**
[54] **ARTICLES MOULES PAR INJECTION DURABLES**
[72] ITZHAK-SIGRON, REUT, IL
[72] ZAK, ZVI, IL
[71] KETER PLASTIC LTD., IL
[85] 2017-02-23
[86] 2015-08-27 (PCT/IL2015/050858)
[87] (WO2016/030891)
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[25] EN
[54] **SEGMENTED MOLDING CORE SYSTEM OF AN INJECTION MOLD, A METHOD OF INJECTION MOLDING A HOLLOW ARTICLES FORMED THEREBY**
[54] **SYSTEME DE NOYAU DE MOULAGE SEGMENTE D'UN MOULE D'INJECTION, PROCEDE DE MOULAGE PAR INJECTION D'ARTICLES CREUX AINSI FORMES**
[72] HAIMOFF, EFRAIM, IL
[72] ASHER, ARIE, IL
[71] KETER PLASTIC LTD., IL
[85] 2017-02-24
[86] 2015-08-27 (PCT/IL2015/050861)
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[25] EN
[54] **ADJUSTABLE OVERFLOW SYSTEM**
[54] **SYSTEME DE TROP-PLEIN REGLABLE**
[72] KOEVOETS, ADRIANUS JOSEPHUS PETRUS MARIE, NL
[72] VAN DER HORST, ARJEN, NL
[71] IHC HOLLAND IE B.V., NL
[85] 2017-02-24
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[25] EN
[54] **MULTI-WELL SAMPLE TESTING APPARATUS AND METHODS OF SAMPLE TESTING USING THE SAME**
[54] **APPAREIL DE TEST D'ECHANTILLONS A CAVITES MULTIPLES ET PROCEDES DE TEST D'ECHANTILLONS UTILISANT CELUI-CI**
[72] BRODER, DANIEL, US
[72] CHAPPER, LAWRENCE, US
[72] NEWPORT, VERONICA, US
[72] ROLLINS, JULIE, US
[72] SWALLA, BRIAN, US
[72] WAGNER, SCOTT, US
[72] WHITE, DAVID, US
[71] IDEXX LABORATORIES, INC., US
[85] 2017-02-24
[86] 2015-08-19 (PCT/US2015/045907)
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[25] EN
[54] **METHODS OF OPERATING PRESSURE SWING ADSORPTION PURIFIERS WITH ELECTROCHEMICAL HYDROGEN COMPRESSORS**
[54] **PROCEDES DE FONCTIONNEMENT DE PURIFICATEURS PAR ADSORPTION MODULEE EN PRESSION AVEC COMPRESSEURS ELECTROCHIMIQUES D'HYDROGENE**
[72] LI, ZHIJIANG, US
[72] VANZANDT, KYLE, US
[72] BLANCHET, SCOTT, US
[71] NUVERA FUEL CELLS, LLC, US
[85] 2017-02-24
[86] 2015-08-28 (PCT/US2015/047409)
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[25] EN
[54] **ROLLING BAND FOR WRAPPING CLOTHING**
[54] **BANDE DE ROULEMENT PERMETTANT D'ENVELOPPER DES VETEMENTS**
[72] PARK, SO YEON, KR
[71] PARK, SO YEON, KR
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[51] **Int.Cl. B01J 37/16 (2006.01) B01J 37/04 (2006.01) C08F 4/69 (2006.01) C08F 210/16 (2006.01)**
[25] EN
[54] **POLYOLEFIN PRODUCTION WITH CHROMIUM-BASED CATALYSTS**
[54] **PRODUCTION DE POLYOLEFINES AVEC DES CATALYSEURS A BASE DE CHROME**
[72] MOORHOUSE, JOHN H., US
[72] CANN, KEVIN J., US
[72] GOODE, MARK G., US
[72] GROSS, KEVIN R., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-02-27
[86] 2015-09-01 (PCT/US2015/047910)
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[25] EN
[54] **POLYOLEFIN PRODUCTION WITH CHROMIUM-BASED CATALYSTS**
[54] **PRODUCTION DE POLYOLEFINE AVEC DES CATALYSEURS A BASE DE CHROME**
[72] CANN, KEVIN J., US
[72] GOODE, MARK G., US
[72] GROSS, KEVIN R., US
[72] MOORHOUSE, JOHN H., US
[71] UNIVATION TECHNOLOGIES, LLC, US
[85] 2017-02-27
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[25] EN
[54] **POLYOLEFIN PRODUCTION WITH CHROMIUM-BASED CATALYSTS**
[54] **PRODUCTION DE POLYOLEFINES AVEC DES CATALYSEURS A BASE DE CHROME**
[72] GROSS, KEVIN R., US
[72] CANN, KEVIN J., US
[72] GOODE, MARK G., US
[72] MOORHOUSE, JOHN H., US
[71] UNIVATION TECHNOLOGIES, LLC, US
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[51] **Int.Cl. B01D 45/16 (2006.01)**
[25] EN
[54] **FILTERING DEVICE FOR DUST AND OTHER POLLUTANTS**
[54] **DISPOSITIF DE FILTRAGE POUR LA POUSSIERE ET D'AUTRES POLLUANTS**
[72] DI NOI, ANGELO, IT
[71] DI NOI, ANGELO, IT
[71] RIZZO, ROCCO, IT
[85] 2017-03-01
[86] 2015-09-01 (PCT/IB2015/056638)
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[25] EN
[54] **SYNTHESIS OF DNA**
[54] **SYNTHESE D'ACIDE DESOXYRIBONUCLEIQUE**
[72] PORTER, NEIL, GB
[72] ROTHWELL, PAUL, GB
[72] EXTANCE, JONATHAN, GB
[71] TOUCHLIGHT IP LIMITED, GB
[85] 2017-03-02
[86] 2015-08-21 (PCT/GB2015/052434)
[87] (WO2016/034849)
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[51] **Int.Cl. F17C 13/04 (2006.01) F16K 35/00 (2006.01)**
[25] EN
[54] **VALVE BLOCK FOR GAS CYLINDER WITH IMPROVED USAGE SAFETY**
[54] **BLOC ROBINET POUR RECIPIENT DE GAZ A SECURITE D'UTILISATION AMELIOREE**
[72] GERMANI, DAMIEN, FR
[72] REZEL, CHRISTOPHE, FR
[71] AIR LIQUIDE MEDICAL SYSTEMS, FR
[85] 2017-03-03
[86] 2015-08-27 (PCT/FR2015/052279)
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[25] EN
[54] **MINE DRAINAGE REMEDIATION USING BARIUM CARBONATE DISPERSED ALKALINE SUBSTRATE**
[54] **ASSAINISSEMENT DU DRAINAGE MINIER A L'AIDE D'UN SUBSTRAT ALCALIN DISPERSE DANS DU CARBONATE DE BARYUM**
[72] VAN HEERDEN, ESTA, ZA
[72] CASTILLO, JULIO HERNANDEZ, ZA
[72] GOMEZ, ALBA, ZA
[72] POSTHUMUS, ROHAN, ZA
[72] VAN DER HOVEN, WALTER GEORGE, ZA
[71] UNIVERSITY OF THE FREE STATE, ZA
[85] 2017-03-03
[86] 2015-09-04 (PCT/IB2015/056760)
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[30] ZA (2014/06507) 2014-09-04

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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/34 (2006.01) B01D 53/50 (2006.01) B01D 53/56 (2006.01) B01D 53/75 (2006.01)**
[25] EN
[54] **METHODS FOR REMOVING CONTAMINANTS FROM EXHAUST GASES**
[54] **PROCEDES D'ELIMINATION DE CONTAMINANTS PRESENTS DANS DES GAZ D'ECHAPPEMENT**
[72] SUCHAK, NARESH J. (DECEASED), DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2017-03-06
[86] 2015-08-04 (PCT/IB2015/002080)
[87] (WO2016/046646)
[30] US (62/054,562) 2014-09-24
[30] US (14/535,978) 2014-11-07

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[51] **Int.Cl. B31B 70/64 (2017.01) B31B 70/26 (2017.01) B29C 65/20 (2006.01)**
[25] EN
[54] **BOTTOM-GUSSETED PACKAGE AND HEAT-SEALING METHOD**
[54] **EMBALLAGE A FOND A SOUFFLETS ET PROCEDE DE THERMOSCELLAGE**
[72] YEAGER, JAMES W., US
[72] HOGAN, JOHN F., US
[71] INNOFLEX INCORPORATED, US
[85] 2017-03-06
[86] 2015-09-08 (PCT/US2015/048816)
[87] (WO2016/040240)
[30] US (62/047,335) 2014-09-08
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[13] A1
[51] **Int.Cl. B01D 39/08 (2006.01) B01D 46/52 (2006.01)**
[25] EN
[54] **FILTER WITH HIGH DUST CAPACITY**
[54] **FILTRE A GRANDE CAPACITE D'EMPOUSSIERAGE**
[72] TATE, JASON, US
[72] CRABTREE, LAMONTE A., US
[71] CLARCOR AIR FILTRATION PRODUCTS, INC., US
[85] 2017-03-07
[86] 2015-09-08 (PCT/US2015/048908)
[87] (WO2016/040302)
[30] US (62/047,334) 2014-09-08

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[51] **Int.Cl. C04B 35/80 (2006.01) D04H 1/4209 (2012.01) D04H 1/542 (2012.01) D04H 1/46 (2012.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A FIBROUS STRUCTURE**
[54] **PROCEDE DE FABRICATION D'UNE STRUCTURE FIBREUSE**
[72] LOISON, SYLVIE, FR
[72] EVRARD, HERVE, FR
[72] MONTAUDON, MARC, FR
[71] SAFRAN CERAMICS, FR
[85] 2017-03-08
[86] 2015-09-10 (PCT/FR2015/052410)
[87] (WO2016/038305)
[30] FR (1458581) 2014-09-12

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[51] **Int.Cl. B09B 3/00 (2006.01) A62D 3/00 (2007.01) C03B 5/173 (2006.01) C03B 19/00 (2006.01) C03C 14/00 (2006.01)**
[25] FR
[54] **METHOD AND FACILITY FOR THE CONTINUOUS VITRIFICATION OF FIBROUS MATERIALS**
[54] **PROCEDE ET INSTALLATION DE VITRIFICATION EN CONTINU DE MATERIAUX FIBREUX**
[72] BENICHOU, ANNE, FR
[72] LAGOUTTE, ANNIE, FR
[72] MAURANCE, XAVIER, FR
[72] PROOT, JACQUES, US
[71] PYRO GREEN INNOVATIONS, FR
[85] 2017-03-08
[86] 2015-09-15 (PCT/FR2015/052460)
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[13] A1
[51] **Int.Cl. D06N 7/00 (2006.01) D05C 17/02 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING A FLOOR COVERING (INCLUDING CARPET AND CARPET TILE) WITH POSITIVE DEFINED RECYCLED CONTENT**
[54] **PROCEDE DE PRODUCTION DE REVETEMENT DE SOL (Y COMPRIS UN TAPIS ET UNE DALLE DE TAPIS) AYANT UN CONTENU RECYCLE DEFINI POSITIF**
[72] KOPPERS, HENRICUS MARTINUS MARIE, NL
[72] VAN OERS, MARINUS GERARDUS MARIA, NL
[72] CAMMAERT, LUDWIG MARIA GERARDUS IRMA, NL
[71] DESSO B.V., NL
[85] 2017-03-08
[86] 2015-09-21 (PCT/NL2015/050655)
[87] (WO2016/048142)
[30] NL (2013521) 2014-09-24

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[13] A1
[51] **Int.Cl. B31F 1/10 (2006.01)**
[25] EN
[54] **CREASING DEVICES**
[54] **DISPOSITIFS DE RAINAGE**
[72] HARRIS, GRAHAM MICHAEL, GB
[71] TECH-NI-FOLD LIMITED, GB
[85] 2017-03-09
[86] 2015-09-23 (PCT/GB2015/052747)
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[51] **Int.Cl. A01G 7/00 (2006.01) B05B 7/24 (2006.01)**
[25] EN
[54] **APPARATUS FOR PREPARING AND APPLYING A FOLIAR SPRAY**
[54] **APPAREIL DE PREPARATION ET D'APPLICATION DE PULVERISATION FOLIAIRE**
[72] WHITEHEAD, CHARLES STEPHEN, ZA
[71] UNIVERSITY OF JOHANNESBURG, ZA
[85] 2017-03-09
[86] 2015-09-12 (PCT/IB2015/057007)
[87] (WO2016/038588)
[30] ZA (2014/06720) 2014-09-12

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[51] **Int.Cl. B01L 3/02 (2006.01) C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **PIPETTE TIP AND METHOD OF USE THEREOF**
[54] **EMBOUT DE PIPETTE ET SON PROCEDE D'UTILISATION**
[72] COWIESON, DAVID RICHARD, GB
[72] HUTCHINSON, SAMANTHA JANE, GB
[72] FRANCIS, LEWIS, GB
[71] PORVAIR FILTRATION GROUP LIMITED, GB
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[86] 2015-11-27 (PCT/GB2015/053619)
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[51] **Int.Cl. B29C 51/42 (2006.01) B29C 51/26 (2006.01)**
[25] FR
[54] **METHOD FOR HOT-FORMING A THERMOPLASTIC MATERIAL AND IMPLEMENTATION FACILITY**
[54] **PROCEDE DE MISE EN FORME A CHAUD D'UN MATERIAU THERMOPLASTIQUE ET INSTALLATION DE MISE OEUVRE**
[72] CALLENS, CLEMENT, FR
[72] LAGOUTTE, ALAIN, FR
[72] CAPON, PHILIPPE, FR
[72] DREANO, ELISE, FR
[72] CURTHELEY, KARIM, FR
[71] CENTRE TECHNIQUE DES INDUSTRIES MECANIQUES, FR
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[25] EN
[54] **SURGICAL SWAB COMPOSED OF NON-WOVEN FABRIC AND TEXTILE POLYMER NET**
[54] **TAMPON CHIRURGICAL COMPOSE DE TEXTILE NON TISSE ET DE FILET DE POLYMERE TEXTILE**
[72] VIEGAS NIETO GUIMARAES, LUIS SALVADOR, PT
[71] BASTOS VIEGAS, S.A., PT
[85] 2017-03-10
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[51] **Int.Cl. A61F 9/007 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR SENSING POSITION BETWEEN LAYERS OF AN EYE**
[54] **PROCEDE ET APPAREIL DE DETECTION DE POSITION ENTRE LES COUCHES D'UN □IL**
[72] PRICE, DANIEL W., US
[72] OBERKIRCHER, BRENDAN J., US
[72] SOKHANVAR, SAEED, US
[72] YASEVAC, DANIEL J., US
[72] BRUEHWILER, MICHEL, US
[72] SOFFER, LEAH R., US
[72] JOHNSON, GREGORY W., US
[72] DANNAHER, WILLIAM D., US
[72] TROLLER, STEFAN, CH
[72] SCHNELL, URBAN G., CH
[72] ROULET, JEAN-CHRISTOPHE, CH
[72] SAURER, ALAIN, CH
[72] KEANE, MICHAEL F., US
[72] RIEMANN, CHRISTOPHER D., US
[71] JANSSEN BIOTECH, INC., US
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[30] US (62/049,079) 2014-09-11
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[51] **Int.Cl. B29B 13/00 (2006.01) B29B 13/02 (2006.01) B29C 49/42 (2006.01)**
[25] EN
[54] **METHODS FOR PROCESSING AND PLASTICIZING POLY(ETHYLENE FURANOATE) PREFORMS BY WATER SORPTION**
[54] **PROCEDES DE TRAITEMENT ET DE PLASTIFICATION DE PREFORMES DE POLY (ETHYLENE FURANOATE) PAR SORPTION DE L'EAU**
[72] MOFFITT, RONALD D., US
[72] KRIEGEL, ROBERT, US
[72] SCHULTHEIS, MIKELL W., US
[72] SHI, YU, US
[71] THE COCA-COLA COMPANY, US
[85] 2017-03-10
[86] 2015-09-15 (PCT/US2015/050241)
[87] (WO2016/044305)
[30] US (62/051,165) 2014-09-16

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[13] A1
[51] **Int.Cl. A61F 9/007 (2006.01) A61B 3/00 (2006.01)**
[25] EN
[54] **INTERNALLY ILLUMINATED SURGICAL PROBE**
[54] **SONDE CHIRURGICALE A ECLAIRAGE INTERNE**
[72] HEEREN, TAMMO, US
[71] NOVARTIS AG, CH
[85] 2017-03-10
[86] 2015-10-07 (PCT/US2015/054426)
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[71] SONOCO DEVELOPMENT, INC., US
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[54] **SYSTEME DE CONTROLE DE MICRO-ORGANISME ET SON PROCEDE D'UTILISATION**
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[72] LU, YU-MEI, TW
[71] ECOLAB USA INC., US
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[54] **PROTON CONDUCTING MEMBRANE COMPRISING MONOLITHIC 2D MATERIAL AND IONOMER, A PROCESS FOR PREPARING SAME AND USE OF SAME IN FUEL CELL AND HYDROGEN GAS SENSOR**
[54] **MEMBRANE CONDUCTRICE DE PROTONS COMPRENANT UN IONOMERE ET UN MATERIAU 2D MONOLITHIQUE, PROCEDE DE PREPARATION DE CELLE-CI ET UTILISATION DE CELLE-CI DANS UNE PILE A COMBUSTIBLE ET UN CAPTEUR DE GAZ HYDROGENE**
[72] LOZADA, MARCELO, GB
[72] GEIM, ANDRE K., GB
[71] THE UNIVERSITY OF MANCHESTER, GB
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[54] **PAQUET POUR PRODUITS DE L'INDUSTRIE DU TABAC**
[72] MUSTAFA, ISAAK, GB
[72] LEWIS, STEPHEN, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2017-03-14
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[25] FR
[54] **PROCEDE DE TRAITEMENT ET D'EXTRACTION DE DECHETS ELECTRONIQUES EN VUE DE LA RECUPERATION DES CONSTITUANTS INCLUS DANS DE TELS DECHETS**
[54] **METHOD FOR PROCESSING AND REMOVING ELECTRONIC WASTE WITH A VIEW TO RECOVERING THE COMPONENTS INCLUDED IN SUCH WASTE**
[72] PEYS, STEPHANE, FR
[72] O'SULLIVAN, ASHLEY, FR
[71] BIGARREN BIZI, FR
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[54] **HYBRID SAPO-34/ZSM-5 CATALYST, ITS PREPARATION AND ITS USE**
[54] **CATALYSEUR HYBRIDE SAPO-34/ZSM-5, SA PREPARATION ET SON UTILISATION**
[72] LIU, YU, US
[72] MALEK, ANDRZEJ, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] FR
[54] **FILTRATION DEVICE FOR AIR PURIFICATION APPLIANCE**
[54] **DISPOSITIF DE FILTRATION POUR APPAREIL DE PURIFICATION D'AIR**
[72] ESCALETTES, BERTRAND, FR
[72] CALISKAN, ALPER, FR
[72] MORIN, PATRICK, FR
[72] CHEVALLIER, EMMANUEL, FR
[72] CARON, THOMAS, FR
[72] COLOMB, SYLVAIN, FR
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[71] ETHERA, FR
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[54] **SYSTEME CHIRURGICAL DE VITRECTOMIE A DOUBLE MODE**
[72] MCDONELL, BRIAN WILLIAM, US
[71] NOVARTIS AG, CH
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[54] **FLEXIBLE CLEANING LANCE POSITIONER GUIDE APPARATUS**
[54] **APPAREIL DE GUIDAGE DE DISPOSITIF DE POSITIONNEMENT DE LANCE DE NETTOYAGE FLEXIBLE**
[72] ZINK, GERALD P., US
[71] STONEAGE, INC., US
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[54] **A PACK**
[54] **PAQUET**
[72] BRAY, ANDREW, GB
[72] FALLON, GARY, GB
[71] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
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[54] **QUANTIFICATION HAUTE PRECISION DE PARTICULES NON VISIBLES A L'OEIL NU**
[72] NORDSTROM, RICKARD, SE
[72] SINTORN, IDA-MARIA, SE
[72] HAAG, LARS, SE
[71] INTELLIGENT VIRUS IMAGING INC., US
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[54] **APPARATUS AND METHOD FOR MEASURING DRILLING PARAMETERS OF A DOWN-THE-HOLE DRILLING OPERATION FOR MINERAL EXPLORATION**
[54] **APPAREIL ET PROCEDE POUR LA MESURE DE PARAMETRES DE FORAGE D'UNE OPERATION DE FORAGE EN FOND DE TROU POUR LA PROSPECTION MINIERE**
[72] STEWART, GORDON, AU
[72] HILL, RAYMOND, AU
[71] GLOBALTECH CORPORATION PTY LTD, AU
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[54] **SYSTEM FOR CONTROLLING FUNCTIONS OF AN INDUSTRIAL OR ALL-TERRAIN VEHICLE**
[54] **SYSTEME DE COMMANDE DE FONCTIONS DE VEHICULE INDUSTRIEL OU TOUT TERRAIN**
[72] LEBRETON, PHILIPPE, FR
[72] DERVAL, LAURENT, FR
[71] MANITOU BF, FR
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[54] **GLASS SUBSTRATE PROVIDED WITH CONDUCTIVE STRIPS CONTAINING COPPER**
[54] **SUBSTRAT EN VERRE MUNI DE BANDES CONDUCTRICES A BASE DE CUIVRE**
[72] RANO, SIMON, FR
[72] BRIQUET, CLEMENT, FR
[72] BEYRLE, ANDRE, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[54] **ELECTRO-OPTIC DISPLAYS, AND METHODS FOR DRIVING SAME**
[54] **UNITES D'AFFICHAGE ELECTRO-OPTIQUES ET LEURS PROCEDES DE COMMANDE**
[72] PAOLINI, RICHARD J., JR., US
[72] BULL, STEPHEN, US
[72] BISHOP, SETH J., US
[72] TELFER, STEPHEN, US
[72] AMUNDSON, KARL RAYMOND, US
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[54] **ELECTRICAL SWITCHING APPARATUS AND POLE SHAFT CATCH ASSEMBLY THEREFOR**
[54] **APPAREIL DE COMMUTATION ELECTRIQUE ET SON ENSEMBLE D'ACCROCHAGE D'ARBRE DES POLES**
[72] GOTTSCHALK, ANDREW L., US
[72] RAKUS, PAUL R., US
[72] BOGDON, ERIK R., US
[71] EATON CORPORATION, US
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[54] **IMPROVED STORAGE UNIT**
[54] **UNITE DE STOCKAGE AMELIOREE**
[72] BILATO, ALESSANDRO, IT
[72] GARBIN, GIUSEPPE, IT
[72] PADOAN, MATTEO, IT
[71] ESSEGI SYSTEM SERVICE S.R.L., IT
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[25] EN
[54] **SUBSTRATE-GUIDED OPTICAL DEVICE**
[54] **DISPOSITIF OPTIQUE GUIDE PAR SUBSTRAT**
[72] AMITAI, YAAKOV, IL
[72] OFIR, YUVAL, IL
[71] LUMUS LTD., IL
[85] 2017-06-05
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[54] **SLOTTED, CLAMPED TERMINATION RING FOR AN ELECTRICAL CONNECTOR ASSEMBLY**
[54] **ANNEAU DE TERMINAISON FENDU SERRE POUR ENSEMBLE CONNECTEUR ELECTRIQUE**
[72] VILLASENOR, PEDRO L., US
[72] PLESSAS, JAMES G., US
[72] TAYLOR, ZACHARY W., US
[71] GLENAIR, INC., US
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[54] **METHOD FOR MANUFACTURING A PHOTONIC WAVEGUIDE AND PHOTONIC WAVEGUIDE MANUFACTURED BY SAID METHOD**
[54] **METHODE DE FABRICATION D'UN GUIDE PHOTONIQUE ET GUIDE PHOTONIQUE FABRIQUE PAR CETTE METHODE**
[72] COURJAL, NADEGE, FR
[72] HENROT, FABIEN, FR
[72] FIZAINE, ETIENNE, FR
[72] GUYOT, CLEMENT, FR
[71] UNIVERSITE DE FRANCHE-COMTE, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **VEHICULE A SURVEILLANCE INTERNE ET/OU EXTERNE**
[72] ROHRBAUGH, SCOTT THOMAS, US
[71] FEDERAL SIGNAL CORPORATION, US
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[25] EN
[54] **METHOD AND APPARATUS FOR PROVIDING WELDING AND AUXILIARY POWER**
[54] **PROCEDE ET APPAREIL PERMETTANT D'OBTENIR UNE PUISSANCE AUXILIAIRE ET DE SOUDAGE**
[72] MADSEN, MICHAEL D., US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-08
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[25] EN
[54] **RADIO-FREQUENCY POWER GENERATOR CONFIGURED TO REDUCE ELECTROMAGNETIC EMISSIONS**
[54] **GENERATEUR DE PUISSANCE RADIOELECTRIQUE CONCU POUR REDUIRE LES EMISSIONS ELECTROMAGNETIQUES**
[72] BACKLUND, ANDREAS, SE
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **TUNABLE TUBE AMPLIFIER SYSTEM OF A RADIO-FREQUENCY POWER GENERATOR**
[54] **SYSTEME AMPLIFICATEUR A TUBE ACCORDABLE D'UN GENERATEUR DE PUISSANCE RADIOFREQUENCE**
[72] BACKLUND, ANDREAS, SE
[71] GENERAL ELECTRIC COMPANY, US
[85] 2017-06-08
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[54] **SYSTEMS AND METHODS FOR INTERCHANGEABLE INDUCTION HEATING SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR SYSTEMES DE CHAUFFAGE PAR INDUCTION INTERCHANGEABLES**
[72] SIGL, DENNIS ROLAND, US
[71] ILLINOIS TOOL WORKS INC., US
[85] 2017-06-09
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[54] **PEER FORWARD AUTHORIZATION OF DIGITAL REQUESTS**
[54] **AUTORISATION DE TRANSFERT HOMOLOGUE DE DEMANDES NUMERIQUES**
[72] CASH, DUANE, US
[72] HOWARD, KELVAN, US
[71] VISA INTERNATIONAL SERVICE ASSOCIATION, US
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[25] EN
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[54] **MOTEUR AYANT UNE BOITE DE JONCTION INTEGREE**
[72] LARSSON, BENGT L., SE
[72] MARTENSSON, MATTIAS G., SE
[71] WAYNE FUELING SYSTEMS LLC, US
[85] 2017-06-13
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[25] EN
[54] **CALIBRATION OF A LOAD CONTROL DEVICE FOR A LIGHT-EMITTING DIODE LIGHT SOURCE**
[54] **ETALONNAGE D'UN DISPOSITIF DE COMMANDE DE CHARGE DESTINE A UNE SOURCE DE LUMIERE DE DIODE ELECTROLUMINESCENTE**
[72] KNAUSS, MATTHEW, US
[72] NUHFER, MATTHEW W., US
[72] UDALL, CHRISTOPHER G., US
[71] LUTRON ELECTRONICS CO., INC., US
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[54] **MULTI-CHANNEL LIGHTING FIXTURE HAVING MULTIPLE LIGHT-EMITTING DIODE DRIVERS**
[54] **APPAREIL D'ECLAIRAGE MULTICANAL COMPORTANT DE MULTIPLES PILOTES DE DIODE ELECTROLUMINESCENTE**
[72] CHITTA, VENKATESH, US
[72] ABRAHAM, ARYA, US
[71] LUTRON ELECTRONICS CO., INC., US
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[25] EN
[54] **INLINE PLASMA-BASED SYSTEM AND METHOD FOR THERMAL TREATMENT OF CONTINUOUS PRODUCTS**
[54] **SYSTEME A BASE DE PLASMA EN LIGNE ET PROCEDE DE TRAITEMENT THERMIQUE DE PRODUITS CONTINUS**
[72] TECCO, DORIVAL GONCALVES, US
[71] ILLINOIS TOOL WORKS INC., US
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[54] **CADRE DE SUPPORT POUR MODULES DE CONNECTEUR ENFICHABLE**
[72] SCHLEPP, RAMONA, DE
[72] SCHLEGEL, BERNARD, DE
[71] HARTING ELECTRIC GMBH & CO. KG, DE
[85] 2017-06-23
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[54] **CONNECTEUR MODULAIRE**
[72] HUHMANN, ANDREAS, DE
[72] WITT, JOHN, DE
[72] NASS, ANDREAS, DE
[71] HARTING ELECTRIC GMBH & CO. KG, DE
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[72] KIM, KUK TAE, KR
[72] OK, JI HYO, KR
[72] PARK, JAE YOUNG, KR
[72] LEE, BAE HAN, KR
[72] BYEON, CHANG IN, KR
[71] HYOSUNG CORPORATION, KR
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[54] **ARRANGEMENT FOR RF HIGH POWER GENERATION**
[54] **AGENCEMENT POUR PRODUCTION DE PUISSANCE RF ELEVEE**
[72] IVANOV, EVGENY VALERYEVICH, RU
[72] KRASNOV, ANDREY ALEKSANDROVICH, RU
[72] REZANOV, ILYA, RU
[71] LIMITED LIABILITY COMPANY "SIEMENS", RU
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[25] EN
[54] **LONG-STROKE PUMPING UNIT**
[54] **UNITE DE POMPAGE A LONGUE COURSE**
[72] ROBISON, CLARK E., US
[72] THOMAS, BENSON, US
[72] LANE, WILLIAM C., US
[72] YAKIMCHUK, DARIUS JOHN, CA
[72] LEMBCKE, JEFFREY JOHN, US
[72] PAULET, BRYAN A., US
[72] CAIN, BRANDON M., US
[72] CHRISTIAN, SEAN M., US
[72] SMITH, PAUL L., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **MODULE DE PONT MOBILE**
[72] TOTHILL, IAN EDWARD, GB
[72] DAVIS, TIMOTHY JOHN, GB
[71] BAE SYSTEMS PLC, GB
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[25] EN
[54] **HYBRID LENS SYSTEM FOR HEAD WEARABLE DISPLAY**
[54] **SYSTEME A LENTILLES HYBRIDE POUR AFFICHAGE POUVANT ETRE PORTE SUR LA TETE**
[72] SPITZER, MARK B., US
[71] X DEVELOPMENT LLC, US
[85] 2017-07-05
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[25] EN
[54] **COUPLING ELEMENT FOR AN ELECTRIC SWITCHING DEVICE, IN PARTICULAR A VACUUM SWITCHING TUBE**
[54] **ELEMENT DE COUPLAGE POUR COMMUTATEUR ELECTRIQUE, EN PARTICULIER TUBE COMMUTATEUR A VIDE**
[72] BACHMAIER, GEORG, DE
[72] GODECKE, ANDREAS, DE
[72] VONTZ, THOMAS, DE
[72] ZOLS, WOLFGANG, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2017-07-06
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[25] EN
[54] **MONITORING ENERGY USAGE OF A SURFACE MARITIME VESSEL**
[54] **SURVEILLANCE D'UTILISATION D'ENERGIE D'UN NAVIRE MARITIME DE SURFACE**
[72] SKIDMORE, ADRIAN GARY, GB
[71] BAE SYSTEMS PLC, GB
[85] 2017-07-06
[86] 2016-01-06 (PCT/GB2016/050017)
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[25] EN
[54] **EXTREME SERVICE PLUG VALVE**
[54] **VANNE A BOISSEAU DE SERVICE EXTREME**
[72] HUNTER, RICK C., US
[72] MCKEE, ROBERT STEWART, US
[72] GARIBAY, MANUEL, US
[72] YATES, CHAD ERIC, US
[71] GE OIL & GAS PRESSURE CONTROL LP, US
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[25] EN
[54] **LEAD WIRE CONNECTOR AND SOLENOID VALVE INCLUDING SAME**
[54] **CONNECTEUR A FIL DE SORTIE ET ELECTROVANNE COMPRENANT CELUI-CI**
[72] LEE, CHANG-HOON, KR
[72] MOON, KUK-CHAN, KR
[72] PARK, JI-HOON, KR
[72] KIM, MUN-HAK, KR
[72] PARK, JUN-HYO, KR
[71] UNICK CORPORATION, KR
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[51] **Int.Cl. B23Q 17/22 (2006.01) B23Q 17/09 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING A POSITION OF A WORKPIECE IN A MACHINE TOOL**
[54] **PROCEDE PERMETTANT DE DETERMINER LA POSITION D'UNE PIECE A USINER DANS UNE MACHINE-OUTIL**
[72] RODERS, JURGEN, DE
[72] FROHLICH, SAMAN, DE
[72] WULFF, SONKE, DE
[71] P + L GMBH & CO. KG, DE
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[51] **Int.Cl. F16H 57/023 (2012.01) B64C 27/14 (2006.01) F02C 7/36 (2006.01)**
[25] FR
[54] **METHOD FOR MANUFACTURING A PROPELLER REDUCTION GEAR**
[54] **PROCEDE DE FABRICATION D'UN REDUCTEUR D'HELICE**
[72] MATHIEU, ANTOINE, FR
[72] FERAUD, BENJAMIN, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
[85] 2017-07-11
[86] 2016-01-12 (PCT/FR2016/050046)
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[25] EN
[54] **METHOD FOR OPERATING A WIND FARM**
[54] **PROCEDE D'EXPLOITATION D'UN PARC D'EOLIENNES**
[72] BEEKMANN, ALFRED, DE
[71] WOBBEN PROPERTIES GMBH, DE
[85] 2017-07-11
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[25] EN
[54] **SYSTEM FOR FIXATION OF SHELF ACCESSORIES TO A SHELF**
[54] **SYSTEME PERMETTANT LA FIXATION D'ACCESSOIRES D'ETAGERE A UNE ETAGERE**
[72] LEINONEN, ASKO, SE
[72] ABERG, ISAK, SE
[72] SJOBERG, MARTEN, SE
[71] HL DISPLAY AB, SE
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[54] **IMPACT ENERGY ABSORBER**
[54] **ABSORBEUR D'ENERGIE D'IMPACT**
[72] KUKULSKI, JAN, PL
[72] WASILEWSKI, LESZEK, PL
[71] AXTONE SPOLKA AKCYJNA, PL
[85] 2017-07-11
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[51] **Int.Cl. A47J 31/46 (2006.01) A47J 31/06 (2006.01) A47J 31/10 (2006.01) A47J 31/44 (2006.01) B65D 85/804 (2006.01)**
[25] EN
[54] **AN APPARATUS FOR PREPARING A COFFEE BEVERAGE, A SYSTEM COMPRISING SUCH AN APPARATUS, USE OF A COFFEE CONTAINER IN SUCH A SYSTEM OR IN SUCH AN APPARATUS AND A METHOD FOR PREPARINGA COFFEE BEVERAGE USING SUCH AN APPARATUS OR USING SUCH A SYSTEM**
[54] **APPAREIL DE PREPARATION DE BOISSON AU CAFE, SYSTEME COMPRENANT UN TEL APPAREIL, UTILISATION D'UN RECIPIENT A CAFE DANS UN TEL SYSTEME OU DANS UN TEL APPAREIL ET PROCEDE DE PREPARATION D'UNE BOISSON AU CAFE UTILISANT UN TEL APPAREIL OU UTILISANT UN TEL SYSTEME**
[72] DE GRAAFF, GERBRAND KRISTIAAN, NL
[72] BROUWER, GUSTAAF FRANS, NL
[72] NIEUWLAAT, JOHANNES CORNELIS, NL
[71] KONINKLIJKE DOUWE EGBERTS B.V., NL
[85] 2017-07-11
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[25] EN
[54] **MULTI-PHASIC INTEGRATED SUPER-INTENSIVE SHRIMP PRODUCTION SYSTEM**
[54] **SYSTEME DE PRODUCTION DE CREVETTES SUPER-INTENSIVE INTEGRE A MULTIPLES PHASES**
[72] KEMP, MAURICE, US
[72] BRAND, ANTHONY P., US
[71] ROYAL CARIDEA LLC, US
[85] 2017-07-11
[86] 2016-02-11 (PCT/US2016/017588)
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[25] EN
[54] **SPRING FOR A VEHICLE**
[54] **RESSORT POUR UN VEHICULE**
[72] MARTEAU-LORANT, SEVERIN, FR
[72] BROGLY, SEBASTIEN, FR
[71] HENDRICKSON COMMERCIAL VEHICLE SYSTEMS EUROPE GMBH, AT
[85] 2017-07-12
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[25] EN
[54] **SWIMMING AND DIVING AID**
[54] **ENGIN AUXILIAIRE DE NATATION ET DE PLONGEE**
[72] WALPURGIS, HANS-PETER, AT
[71] CAYAGO GMBH, AT
[85] 2017-07-12
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[25] EN
[54] **VACUUM INSULATING PANEL**
[54] **PANNEAU ISOLANT SOUS VIDE**
[72] MACK, DANIEL, GB
[72] PARGETER, ADRIAN, GB
[72] ROCHEFORT, MALCOLM, GB
[71] KINGSPAN HOLDINGS (IRL) LIMITED, IE
[85] 2017-07-12
[86] 2016-01-15 (PCT/EP2016/050845)
[87] (WO2016/113423)
[30] GB (1500679.4) 2015-01-15

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[51] **Int.Cl. B64D 1/22 (2006.01) B64D 1/16 (2006.01)**
[25] EN
[54] **WATER SCOOPING APPARATUS FOR FORESTFIRE SUPPRESSANT IN NON-AMPHIBIOUS AIRTANKERS**
[54] **APPAREIL D'ECOPAGE DE L'EAU POUR AGENT D'EXTINCTION DE FEUX DE FORETS DANS DES AVIONS CITERNES NON AMPHIBIES**
[72] BENEDIK, JACK, NL
[71] JABE BEHEER B.V., NL
[85] 2017-07-12
[86] 2016-01-12 (PCT/EP2016/050474)
[87] (WO2016/113256)
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[25] EN
[54] **PRESSURIZED BEVERAGE CONCENTRATES AND APPLIANCES AND METHODS FOR PRODUCING BEVERAGES THEREFROM**
[54] **CONCENTRES DE BOISSON SOUS PRESSION ET APPAREILS ET PROCEDES DE PRODUCTION DE BOISSONS A PARTIR DE CES DERNIERS**
[72] PEIRSMAN, DANIEL, BE
[72] VANDEKERCKHOVE, STIJN, BE
[72] PELLAUD, JEROME, US
[72] DAVIS, NATHANIEL, US
[71] ANHEUSER-BUSCH INBEV S.A., BE
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[51] **Int.Cl. F24J 2/52 (2006.01) H02S 20/00 (2014.01) F16B 5/00 (2006.01) F16M 11/00 (2006.01)**
[25] FR
[54] **DEVICE FOR ATTACHING A SOLAR PANEL**
[54] **DISPOSITIF DE FIXATION DE PANNEAU SOLAIRE**
[72] GAVEAU, ALEXIS, FR
[72] GOFFART, FLORIAN, FR
[71] CIEL ET TERRE INTERNATIONAL, FR
[85] 2017-07-12
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[51] **Int.Cl. B23K 9/29 (2006.01)**
[25] EN
[54] **WELDING TORCH AND DEVICE USING SAID TORCH**
[54] **TETE DE SOUDAGE ET DISPOSITIF UTILISANT LADITE TETE**
[72] CARLETTI, CLAUDIO, IT
[72] SIMIONI, UGO, IT
[72] IMI, ATTILIO, IT
[71] TRAFIMET GROUP S.P.A., IT
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[25] EN
[54] **CONNECTOR FOR BLIND-TYPE CURTAIN AND BLIND-TYPE CURTAIN COMPRISING SAME**
[54] **RACCORD POUR RIDEAU DU TYPE STORE ET RIDEAU DU TYPE STORE COMPRENANT CELUI-CI**
[72] KIM, SUNG CHUL, KR
[71] KIM, SUNG CHUL, KR
[85] 2017-07-13
[86] 2015-12-31 (PCT/KR2015/014551)
[87] (WO2016/114516)
[30] KR (10-2015-0007577) 2015-01-15
[30] KR (10-2015-0190145) 2015-12-30

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[13] A1
[51] **Int.Cl. B63B 21/66 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR PROTECTING TOWED UNDERWATER OBJECTS FROM FISHING LINES**
[54] **DISPOSITIF ET PROCEDE DE PROTECTION DES OBJETS SOUS-MARINS REMORQUES CONTRE LES LIGNES DE PECHE**
[72] RICARD, MICHEL, FR
[71] THALES, FR
[85] 2017-07-14
[86] 2016-01-14 (PCT/EP2016/050626)
[87] (WO2016/113331)
[30] FR (1500092) 2015-01-16

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[51] **Int.Cl. B60C 29/00 (2006.01) B60C 5/20 (2006.01)**
[25] EN
[54] **TWO CHAMBER TIRE PRESSURE TUNING SYSTEMS**
[54] **SYSTEMES DE REGLAGE DE PRESSION DE PNEU A DEUX CHAMBRES**
[72] GEDDIS, BRIAN, US
[71] GEDDIS, BRIAN, US
[85] 2017-07-13
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[25] EN
[54] **TERNARY HERBICIDAL COMBINATION COMPRISING SAFLUFENACIL**
[54] **COMBINAISON HERBICIDE TERNAIRE COMPRENANT DU SAFLUFENACILE**
[72] MASSA, DARIO, DE
[72] EVANS, RICHARD, US
[72] SEISER, TOBIAS, DE
[72] WITSCHEL, MATTHIAS, DE
[72] LIEBL, REX, US
[72] FRATESCHI, ALEXANDRE, MX
[71] BASF AGRO B.V., NL
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[30] EP (15152163.0) 2015-01-22

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[51] **Int.Cl. C23C 14/06 (2006.01) B21J 13/02 (2006.01) C23C 14/22 (2006.01)**
[25] EN
[54] **HIGH PERFORMANCE COATING FOR HIGH-STRENGTH STEEL COLD METAL FORMING**
[54] **REVETEMENT HAUTES PERFORMANCES POUR LE FORMAGE METALLIQUE A FROID D'ACIER HAUTE RESISTANCE**
[72] ARNDT, MIRJAM, CH
[72] KHATIBI, ALI, CH
[71] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
[85] 2017-07-14
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[51] **Int.Cl. B32B 13/02 (2006.01) B32B 7/08 (2006.01) B32B 7/12 (2006.01) E04B 2/74 (2006.01) E04C 2/04 (2006.01)**
[25] EN
[54] **PARTITION HAVING INCREASED FIXING STRENGTH**
[54] **CLOISON PRESENTANT UNE RESISTANCE DE FIXATION ACCRUE**
[72] JONES, NICK, GB
[72] RICHARDSON, ADAM, GB
[72] RIDEOUT, JAN, GB
[71] SAINT-GOBAIN PLACO SAS, FR
[85] 2017-07-14
[86] 2016-02-18 (PCT/GB2016/050409)
[87] (WO2016/135455)
[30] GB (1503254.3) 2015-02-26

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[51] **Int.Cl. C22F 1/043 (2006.01) B21J 5/02 (2006.01) C22C 21/02 (2006.01) C22C 21/08 (2006.01) C22F 1/047 (2006.01)**
[25] FR
[54] **PROCESS FOR OBTAINING A LOW SILICON ALUMINIUM ALLOY PART**
[54] **PROCEDE D'OBTENTION D'UNE PIECE EN ALLIAGE D'ALUMINIUM BAS SILICIUM**
[72] EPALE, ROMAIN, FR
[72] DI SERIO, EMILE THOMAS, FR
[71] SAINT JEAN INDUSTRIES, FR
[85] 2017-07-14
[86] 2016-01-14 (PCT/FR2016/050069)
[87] (WO2016/120541)
[30] FR (1550700) 2015-01-29

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[51] **Int.Cl. B60J 10/70 (2016.01) B60J 10/35 (2016.01) B60J 1/02 (2006.01) B60J 10/00 (2016.01)**
[25] FR
[54] **GLAZING COMPRISING A PROFILED CLIP-FASTENING BEAD WITH HOLE**
[54] **VITRAGE COMPRENANT UN CORDON PROFILE DE CLIPPAGE AVEC TROU**
[72] DALMASSO, GIOVANNI, IT
[72] TROMBETTA, NICOLA, IT
[71] SAINT-GOBAIN GLASS FRANCE, FR
[85] 2017-07-14
[86] 2016-02-11 (PCT/FR2016/050314)
[87] (WO2016/128683)
[30] FR (1551205) 2015-02-13

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[13] A1
[51] **Int.Cl. E21B 19/16 (2006.01) E21B 19/18 (2006.01) E21D 3/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD IN RESPECT OF ROCK BORING**
[54] **DISPOSITIF ET PROCEDE DE FORAGE DE ROCHE**
[72] STRAHT, ANDREAS, SE
[72] JORMVIK, FREDRIK, SE
[72] RIISOM, JORGEN, SE
[72] NILSSON, ANDERS, SE
[72] FRANZEN, MIKAEL, SE
[71] ATLAS COPCO ROCK DRILLS AB, SE
[85] 2017-07-14
[86] 2016-03-01 (PCT/SE2016/050159)
[87] (WO2016/140614)
[30] SE (1550253-7) 2015-03-04

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[13] A1
[51] **Int.Cl. G02B 23/12 (2006.01) G02B 5/20 (2006.01) G02F 2/02 (2006.01)**
[25] EN
[54] **COVERT INFORMATION VIEWING SYSTEM AND METHOD OF COVERT INFORMATION PROCESSING**
[54] **SYSTEME DE VISUALISATION D'INFORMATIONS CACHEES ET PROCEDE DE TRAITEMENT D'INFORMATIONS SECRETES**
[72] AGRAWAL, SATISH, US
[72] HORNER, M. GLENN, US
[72] BOTTARI, FRANK J., US
[72] PARKER, CLIFFORD W., US
[71] PERFORMANCE INDICATOR, LLC, US
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[54] **DRILLING FLUIDS WITH CROSSLINKED SULFONATE-CONTAINING POLYMERS DISPERSED IN HIGH DENSITY BRINES**
[54] **FLUIDES DE FORAGE COMPORTANT DES POLYMERES CONTENANT DU SULFONATE RETICULE DISPERSES DANS DES SAUMURES DE HAUTE DENSITE**
[72] GALINDO, KAY ANN, US
[72] ZHOU, HUI, US
[72] ZHA, WEIBIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **AMUSEMENT RIDE HAVING A ROBOT SYSTEM**
[54] **MOYEN DE DEPLACEMENT AVEC UN SYSTEME ROBOTIQUE**
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[72] TILLMANN, AXEL, DE
[71] KUKA ROBOTER GMBH, DE
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[54] **FOLDING COT**
[54] **LIT PLIANT**
[72] CHEN, FUJIA, GB
[72] YOU, ZHONG, GB
[72] HORSTINK, WOUTER, GB
[72] VAN LEEUWEN, MARCO, GB
[71] OXFORD SPACE STRUCTURES LTD, GB
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[25] EN
[54] **METHOD AND APPARATUS FOR INSTALLING AND OPERATING AN AUXILIARY LIGHTING SYSTEM USING A VEHICLE ELECTRIC PLUG**
[54] **PROCEDE ET APPAREIL POUR L'INSTALLATION ET LE FONCTIONNEMENT D'UN SYSTEME D'ECLAIRAGE AUXILIAIRE UTILISANT UNE FICHE ELECTRIQUE D'UN VEHICULE**
[72] ORAZEM, LOUIS, US
[71] MEYER PRODUCTS LLC, US
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[72] GERLING, DETLEV, DE
[72] VOLKMANN, NORBERT, DE
[72] GUHL, ALEXANDER, DE
[71] VIESSMANN WERKE GMBH & CO KG, DE
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[54] **FILM LAMINATE COMPRISING A SEALING LAYER**
[54] **LAMELLE PELLICULAIRE RENFERMANT UNE COUCHE D'ETANCHEISATION**
[72] GREFENSTEIN, ACHIM, DE
[72] GEITNER, WERNER, DE
[72] GEILLERSDORFER, INGO, DE
[71] CONSTANTIA HUECK FOLIEN GMBH & CO. KG, DE
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[54] **MEDICAL DEVICE CONTROL**
[54] **COMMANDE DE DISPOSITIF MEDICAL**
[72] WELSCH, MICHAEL, US
[71] SMITHS MEDICAL ASD, INC., US
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[54] **CYLINDRE DE FREIN COMPOSITE POUR UN VEHICULE FERROVIAIRE**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE LLC, US
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[54] **ADJUSTABLE DEPTH OF CUT CONTROL FOR A DOWNHOLE DRILLING TOOL**
[54] **COMMANDE DE PROFONDEUR DE COUPE REGLABLE DESTINE A UN OUTIL DE FORAGE DE FOND DE TROU**
[72] DUNBAR, BRADLEY DAVID, US
[72] ANDERLE, SETH GARRETT, US
[72] GROSZ, GREGORY CHRISTOPHER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD FOR MINIMIZING VIBRATION IN A MULTI-PUMP SYSTEM**
[54] **PROCEDE POUR REDUIRE AU MINIMUM LES VIBRATIONS DANS UN SYSTEME A POMPES MULTIPLES**
[72] RASHID, KASHIF, US
[72] VERMA, SANDEEP, US
[72] HODGSON, KIM, US
[71] SCHLUMBERGER CANADA LIMITED, CA
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[25] EN
[54] **SET-DELAYED CEMENT COMPOSITIONS COMPRISING PUMICE AND ASSOCIATED METHODS**
[54] **COMPOSITIONS DE CIMENT A PRISE RETARDEE CONTENANT DE LA PIERRE PONCE ET PROCEDES ASSOCIES**
[72] AGAPIOU, KYRIACOS, US
[72] MORGAN, RONNIE GLEN, US
[72] PISKLAK, THOMAS JASON, US
[72] LEWIS, SAMUEL JASON, US
[72] BROTHERS, LANCE EVERETT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **USE OF MEMS IN SET-DELAYED CEMENT COMPOSITIONS COMPRISING PUMICE**
[54] **UTILISATION DE MEMS DANS DES COMPOSITIONS DE CIMENT A PRISE RETARDEE COMPRENANT DE LA PIERRE PONCE**
[72] AGAPIOU, KYRIACOS, US
[72] MORGAN, RONNIE GLEN, US
[72] PISKLAK, THOMAS JASON, US
[72] LEWIS, SAMUEL JASON, US
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[25] EN
[54] **SET-DELAYED CEMENT COMPOSITIONS COMPRISING PUMICE AND ASSOCIATED METHODS**
[54] **COMPOSITIONS DE CIMENT A RETARD DE PRISE COMPRENANT DE LA PONCE ET PROCEDES ASSOCIES**
[72] AGAPIOU, KYRIACOS, US
[72] MORGAN, RONNIE GLEN, US
[72] PISKLAK, THOMAS JASON, US
[72] LEWIS, SAMUEL JASON, US
[72] BROTHERS, LANCE EVERETT, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ELECTRO-MECHANICAL LATCHING/LOCKING WITH INTEGRATED TOUCH/PUSH ACTIVATION**
[54] **BLOCAGE/VERROUILLAGE ELECTRO-MECANIQUE AVEC ACTIVATION PAR POUSSEE/TACTILE INTEGREE**
[72] JORDAN, SCOTT, US
[72] SAHILU, BRUK, US
[72] MILLIGAN, CHARLES, US
[71] ACCURIDE INTERNATIONAL INC., US
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[54] **MULTI-LAYER FILM AND RECLOSABLE FILM PACKAGE**
[54] **FILM MULTICOUCHE ET EMBALLAGE DE FILM REFERMABLE**
[72] BLYTH, STUART MACKINTOSH, US
[72] HOLT, CHRIS, US
[72] DOWN, MATTHEW JAMES, US
[72] LIANG, YING (LORA), US
[72] JAEGER, ELENA, US
[71] INTERCONTINENTAL GREAT BRANDS LLC, US
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[54] **QUIET COMBINED SLAT AND PROPELLER**
[54] **HELICE ET BEC DE SECURITE COMBINE SILENCIEUX**
[72] ARATA, ALLEN A., US
[71] NORTHROP GRUMMAN SYSTEMS CORPORATION, US
[85] 2017-07-17
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[25] EN
[54] **BALLOON CATHETER SUTURING SYSTEMS, METHODS, AND DEVICES HAVING PLEDGETS**
[54] **SYSTEMES ET PROCEDES DE SUTURE DE CATHETER A BALLONNET, ET DISPOSITIFS COMPRENANT DES COMPRESSES**
[72] ROHL, JAMES P., US
[72] WULFMAN, DAVID R., US
[72] BERG, BRIAN T., US
[72] DELANEY, JOSEPH THOMAS, JR., US
[72] TISCHLER, BRIAN J., US
[72] POLLAK, PETER M., US
[72] BURKHART, HAROLD M., US
[72] DEARANI, JOSEPH A., US
[72] PISLARU, SORIN V., US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
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[54] **BALLOON CATHETER VISUALIZATION SYSTEMS, METHODS, AND DEVICES HAVING PLEDGETS**
[54] **SYSTEMES DE VISUALISATION DE CATHETER A BALLONNET, METHODES ET DISPOSITIFS COMPRENANT DES COMPRESSES**
[72] ROHL, JAMES P., US
[72] WULFMAN, DAVID R., US
[72] BERG, BRIAN T., US
[72] DELANEY, JOSEPH THOMAS, JR., US
[72] TISCHLER, BRIAN J., US
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[54] **SYSTEME THERMODYNAMIQUE**
[72] CONVERT, PIERRE, FR
[71] AQYLON, FR
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[54] **DISPERSION MICROBICIDE HUILE DANS EAU**
[72] SIPPONEN, PENTTI, FI
[71] REPOLAR PHARMACEUTICALS OY, FI
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[25] EN
[54] **FLEXIBLE PANEL AND SEALABLE BAG WITH SORBANT**
[54] **PANNEAU FLEXIBLE ET SAC SCELLABLE AYANT UN SORBANT**
[72] IFTKHAR, MOHAMMED RASHID, GB
[71] STASIS LMPS LIMITED, GB
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[54] **RACCORDS POUR RACCORDEMENTS DE TUYAU A MANCHON**
[72] WOOD, ALEXANDER, GB
[72] CLACKETT, JONATHAN, GB
[71] ACORN INTELLECTUAL PROPERTIES LIMITED, GB
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[86] 2016-01-28 (PCT/GB2016/050181)
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[25] EN
[54] **MILLING MACHINE FOR ROAD SURFACES OR PAVEMENTS**
[54] **FRAISEUSE POUR REVETEMENTS ROUTIERS OU TAPIS ROUTIERS**
[72] TARMANN, JURGEN, AT
[71] TARMANN, JURGEN, AT
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[25] EN
[54] **CLEANING AND/OR TREATMENT COMPOSITIONS**
[54] **COMPOSITIONS DE NETTOYAGE ET/OU DE TRAITEMENT**
[72] BIANCHETTI, GIULIA, OTTAVIA, IT
[72] CELLIERS, JEREMY, MICHAEL, CH
[72] CRESTINI, CLAUDIA, IT
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **FABRIC CARE COMPOSITION COMPRISING METATHESIZED UNSATURATED POLYOL ESTERS**
[54] **COMPOSITION DE SOIN DE TISSUS COMPRENANT DES ESTERS DE POLYOL INSATURES, AYANT SUBI UNE METATHESE**
[72] SCHUBERT, BETH ANN, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] SCHEIBEL, JEFFREY JOHN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[25] EN
[54] **METHOD FOR THE PRODUCTION OF A FORM BODY COMPRISING OR CONTAINING A LITHIUM SILICATE GLASS CERAMIC AS WELL AS FORM BODIES**
[54] **PROCEDE POUR LA PRODUCTION D'UN CORPS DE FORMAGE COMPRENANT OU CONTENANT UNE VITROCERAMIQUE A BASE DE SILICATE DE LITHIUM AINSI QUE CORPS DE FORMAGE**
[72] WONDRACZEK, LOTHAR, DE
[72] FECHER, STEFAN, DE
[72] VOELKL, LOTHAR, DE
[71] DENTSPLY SIRONA INC., US
[71] DEGUDENT GMBH, DE
[85] 2017-07-19
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[54] **SYSTEME D'ASCENSEUR A COMMANDE ADAPTATIVE DE PORTE**
[72] SCHUSTER, KILIAN, CH
[71] INVENTIO AG, CH
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[54] **FOAMING DEVICE**
[54] **DISPOSITIF DE MOUSSAGE**
[72] PERRIN, ALEXA, CH
[72] PERENTES, ALEXANDRE, CH
[71] NESTEC S.A., CH
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[25] EN
[54] **METHOD FOR PRODUCING TITANIUM OXIDE-CONTAINING SLAG AND PIG IRON FROM ILMENITE AND A PLANT**
[54] **PROCEDE DE PRODUCTION DE LAITIER CONTENANT DE L'OXYDE DE TITANE ET DE LA FONTE BRUTE EN PROVENANCE D'ILMENITE ET INSTALLATION**
[72] KROGERUS, HELGE, FI
[72] MAKELA, PASI, FI
[72] SAARENMAA, JARMO, FI
[72] PISILA, SAULI, FI
[72] PALOVAARA, PETRI, FI
[71] OUTOTEC (FINLAND) OY, FI
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[25] EN
[54] **MOUNTING BRACKET FOR FALL ARREST DEVICE**
[54] **SUPPORT DE MONTAGE POUR DISPOSITIF ANTICHUTE**
[72] PASS, ANDREW, GB
[71] LATCHWAYS PLC, GB
[85] 2017-07-19
[86] 2016-02-12 (PCT/GB2016/050339)
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[25] FR
[54] **FLEXIBLE METAL POLYMER COMPOSITES**
[54] **COMPOSITES POLYMERIQUES METALLIQUES SOUPLES**
[72] PENARI, STEPHANE, FR
[71] METALSKIN TECHNOLOGIES SAS, FR
[85] 2017-07-18
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[25] EN
[54] **DRILL APPARATUS FOR A FLOATING DRILL RIG**
[54] **APPAREIL DE FORAGE POUR UNE INSTALLATION DE FORAGE FLOTTANTE**
[72] AAMO, OLE MORTEN, NO
[72] SANGESLAND, SIGBJORN, NO
[71] HEAVELOCK AS, NO
[85] 2017-07-18
[86] 2016-01-29 (PCT/EP2016/051982)
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[25] FR
[54] **CONSTANT-VOLUME COMBUSTION MODULE FOR A TURBINE ENGINE**
[54] **MODULE DE COMBUSTION A VOLUME CONSTANT POUR UNE TURBOMACHINE**
[72] LEYKO, MATTHIEU, FR
[71] SAFRAN, FR
[85] 2017-07-19
[86] 2016-01-25 (PCT/FR2016/050142)
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[25] FR
[54] **CONSTANT-VOLUME COMBUSTION MODULE FOR A TURBINE ENGINE, COMPRISING COMMUNICATION-BASED IGNITION**
[54] **MODULE DE COMBUSTION A VOLUME CONSTANT POUR UNE TURBOMACHINE COMPORTANT UN ALLUMAGE PAR COMMUNICATION**
[72] LEYKO, MATTHIEU, FR
[71] SAFRAN, FR
[85] 2017-07-19
[86] 2016-01-26 (PCT/FR2016/050151)
[87] (WO2016/120555)
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[25] EN
[54] **PORTABLE BED WITH ATTACHABLE TENT**
[54] **LIT PORTABLE AVEC TENTE ATTACHABLE**
[72] BRERETON, ANTHONY, GB
[72] THOMPSON, MARK, GB
[71] THE NINJA CORPORATION, GB
[71] BRERETON, ANTHONY, GB
[71] THOMPSON, MARK, GB
[85] 2017-07-19
[86] 2016-01-20 (PCT/IB2016/050260)
[87] (WO2016/116865)
[30] US (62/105,397) 2015-01-20
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[51] **Int.Cl. B60K 15/035 (2006.01) F16K 24/04 (2006.01) F16K 31/22 (2006.01)**
[25] FR
[54] **ANTI-OVERPRESSURE FUEL TANK**
[54] **RESERVOIR DE CARBURANT ANTI-SURPRESSION**
[72] EPALLE, PATRICK, FR
[72] VACHER, MICHEL, FR
[71] ZODIAC AEROTECHNICS, FR
[85] 2017-07-14
[86] 2016-01-18 (PCT/FR2016/050085)
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[51] **Int.Cl. C09D 5/24 (2006.01) C09D 165/00 (2006.01)**
[25] EN
[54] **COMPOSITIONS INCLUDING A HIGH MOLECULAR WEIGHT ACID SUITABLE FOR CONDUCTIVE POLYMER FORMATION ON DIELECTRIC SUBSTRATES**
[54] **COMPOSITIONS COMPRENANT UN ACIDE DE MASSE MOLECULAIRE ELEVEE ADAPTE A LA FORMATION DE POLYMERES CONDUCTEURS SUR DES SUBSTRATS DIELECTRIQUES**
[72] RIETMANN, CHRISTIAN, DE
[72] GLOCKNER, ANDREAS, DE
[71] MACDERMID ENTHONE INC., US
[85] 2017-07-19
[86] 2016-01-20 (PCT/IB2016/050277)
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[30] US (62/105,631) 2015-01-20

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[25] EN
[54] **CONDUCTIVE SEALING MEMBER**
[54] **ELEMENT D'ETANCHEITE CONDUCTEUR**
[72] ROBOREL DE CLIMENS, LODY, CA
[72] DESY, PHILIPPE, CA
[72] KOHLER, JOHAN, CA
[71] BOMBARDIER INC., CA
[85] 2017-07-19
[86] 2016-01-20 (PCT/IB2016/050275)
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[51] **Int.Cl. E21B 33/12 (2006.01) E21B 34/06 (2006.01)**
[25] EN
[54] **WELLBORE ISOLATION DEVICES AND METHODS OF USE**
[54] **DISPOSITIFS D'ISOLEMENT DE PUITS DE FORAGE ET PROCEDES D'UTILISATION**
[72] STAIR, TODD ANTHONY, US
[72] MAKOWIECKI, GARY JOE, US
[72] EZELL, MICHAEL DALE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[86] 2015-03-19 (PCT/US2015/021459)
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[51] **Int.Cl. C09D 5/08 (2006.01) C09D 7/12 (2006.01) C09D 201/00 (2006.01)**
[25] EN
[54] **AQUEOUS CORROSION RESISTANT COATINGS WITH SURFACE-HYDROPHOBIC INORGANIC PARTICLES**
[54] **REVETEMENTS AQUEUX RESISTANT A LA CORROSION COMPRENANT DES PARTICULES INORGANIQUES A SURFACE HYDROPHOBE**
[72] SHAN, GUOBIN, US
[72] DIEBOLD, MICHAEL PATRICK, US
[71] THE CHEMOURS COMPANY TT, LLC, US
[85] 2017-07-19
[86] 2016-01-15 (PCT/US2016/013552)
[87] (WO2016/118412)
[30] US (62/105,241) 2015-01-20

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[51] **Int.Cl. B26F 1/02 (2006.01) B26F 1/40 (2006.01)**
[25] EN
[54] **WALLBOARD PUNCH ASSEMBLY WITH STRIPPER BUSHINGS**
[54] **ENSEMBLE POINCON POUR PANNEAU MURAL AVEC DOUILLES DE DEBOURRAGE**
[72] LEHANE, JAMES J., US
[72] GULBRANDSEN, PEDER JOHN, US
[71] UNITES STATES GYPSUM COMPANY, US
[85] 2017-07-19
[86] 2016-01-13 (PCT/US2016/013128)
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[25] EN
[54] **USE OF HYDROXYACID TO REDUCE THE LOCALIZED CORROSION POTENTIAL OF LOW DOSE HYDRATE INHIBITORS**
[54] **UTILISATION D'HYDROXYACIDE POUR REDUIRE LE POTENTIEL DE CORROSION LOCALISEE D'INHIBITEURS D'HYDRATE A FAIBLE DOSE**
[72] GARZA, TIMOTHY Z., US
[72] COOK, STUART EDWARD, US
[72] RIVERS, GORDON T., US
[72] THIEU, VU, US
[72] STEAD, PAUL ROBERT, US
[71] BAKER HUGHES, A GE COMPANY, LLC, US
[85] 2017-07-19
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[25] EN
[54] **VERTICAL TINE TILLER**
[54] **FRAISEUSE DE LABOUR A POINTES VERTICALES**
[72] MAGGARD, JAY, US
[72] KELLY, DAVID, US
[72] CRAWFORD, PAUL, US
[71] MTD PRODUCTS INC, US
[85] 2017-07-19
[86] 2016-01-22 (PCT/US2016/014609)
[87] (WO2016/118912)
[30] US (62/106,539) 2015-01-22

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[51] **Int.Cl. A61B 5/097 (2006.01) A61B 5/08 (2006.01) A61M 16/06 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **NASAL/ORAL CANNULA SYSTEM AND MANUFACTURING**
[54] **SYSTEME DE CANULE NASALE/BUCCALE ET SON PROCEDE DE FABRICATION**
[72] ECKERBOM, ANDERS, SE
[72] ZYZANSKI, ROBERT, SE
[71] MASIMO SWEDEN AB, SE
[85] 2017-07-19
[86] 2016-01-22 (PCT/US2016/014621)
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[30] US (62/107,232) 2015-01-23

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[51] **Int.Cl. A01K 43/00 (2006.01) A01K 45/00 (2006.01)**
[25] EN
[54] **LIFT ASSEMBLY FOR PROCESSING EGGS, AND ASSOCIATED METHOD**
[54] **ENSEMBLE DE LEVAGE POUR LE TRAITEMENT D'□UFS, ET PROCEDE ASSOCIE**
[72] REES, DANIEL SCOTT, US
[71] ZOETIS SERVICES LLC, US
[85] 2017-07-19
[86] 2016-02-04 (PCT/US2016/016484)
[87] (WO2016/130388)
[30] US (62/113,646) 2015-02-09

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[13] A1
[51] **Int.Cl. C23F 11/16 (2006.01) C25D 11/24 (2006.01)**
[25] EN
[54] **USE OF A DISULFIDE/DITHIOL COMPOUND IN A SEAL FOR ANODIZED ALUMINUM**
[54] **UTILISATION D'UN COMPOSE DISULFURE/DITHIOL DANS UN JOINT D'ETANCHEITE POUR ALUMINIUM ANODISE**
[72] LAWLESS, LAWRENCE M., US
[72] GRIFFIN, BRUCE M., US
[71] THE BOEING COMPANY, US
[85] 2017-07-19
[86] 2015-09-23 (PCT/US2015/051722)
[87] (WO2016/137533)
[30] US (62/121,618) 2015-02-27
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[51] **Int.Cl. B65H 35/07 (2006.01) B65H 35/04 (2006.01)**
[25] EN
[54] **DEVICE FOR UNROLLING AND CUTTING A STRIP**
[54] **DISPOSITIF DE DEROULEMENT ET DE SEPARATION D'UNE BANDE**
[72] KUTH, RUDOLF, DE
[71] KUTH, RUDOLF, DE
[85] 2017-07-20
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[87] (WO2016/124167)
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[25] EN
[54] **BOTULINUM TOXIN PREFILLED CONTAINER**
[54] **RECIPIENT PREREMPLI DE TOXINE BOTULIQUE**
[72] VOGT, MARKUS, DE
[71] MERZ PHARMA GMBH & CO. KGAA, DE
[85] 2017-07-20
[86] 2015-12-22 (PCT/EP2015/002600)
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[51] **Int.Cl. C08F 293/00 (2006.01) C08F 2/18 (2006.01) C08L 53/00 (2006.01) C09D 153/00 (2006.01)**
[25] EN
[54] **AQUEOUS DISPERSIONS CONTAINING MULTISTAGE PRODUCED POLYMERS AND COATING AGENT COMPOSITIONS CONTAINING THE SAME**
[54] **DISPERSIONS AQUEUSES CONTENANT DES POLYMERISATS FABRIQUES EN PLUSIEURS ETAPES ET COMPOSITIONS D'AGENTS DE REVETEMENT CONTENANT CES DISPERSIONS**
[72] CORTEN, CATHRIN, DE
[72] EIERHOFF, DIRK, DE
[72] SCHNIEDERS, BRITTA, DE
[72] FREITAG, NICOLE, DE
[72] GRUMPE, HEINZ-ULRICH, DE
[72] WESSLING, ELISABETH, DE
[72] SCHWARZ, JOERG, DE
[72] VIENENKOTTER, MECHTILD, DE
[72] WILM, PATRICK, DE
[71] BASF COATINGS GMBH, DE
[85] 2017-07-20
[86] 2016-01-08 (PCT/EP2016/050261)
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[51] **Int.Cl. C22B 1/16 (2006.01) C22B 1/243 (2006.01) C22B 1/248 (2006.01) C22B 9/10 (2006.01) C22B 34/32 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT TO PREPARE CHROMITE CONCENTRATE FOR PELLETIZING AND SINTERING AND PELLETIZING FEED**
[54] **PROCEDE ET DISPOSITIF POUR PREPARER UN CONCENTRE DE CHROMITE POUR AGGLOMERATION ET FRITTAGE, ET CHARGE D'ALIMENTATION POUR AGGLOMERATION**
[72] KROGERUS, HELGE, FI
[72] MAKELA, PASI, FI
[72] SAARENMAA, JARMO, FI
[72] PISILA, SAULI, FI
[72] PALOVAARA, PETRI, FI
[71] OUTOTEC (FINLAND) OY, FI
[85] 2017-07-20
[86] 2016-02-05 (PCT/FI2016/050077)
[87] (WO2016/124823)
[30] FI (20155075) 2015-02-05

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[51] **Int.Cl. F02G 1/02 (2006.01) F02G 1/05 (2006.01) F02G 1/053 (2006.01) F02G 1/057 (2006.01)**
[25] FR
[54] **TRANSFER - EXPANSION - REGENERATION COMBUSTION ENGINE**
[54] **MOTEUR THERMIQUE A TRANSFERT-DETENTE ET REGENERATION**
[72] RABHI, VIANNEY, FR
[71] RABHI, VIANNEY, FR
[85] 2017-07-20
[86] 2016-01-27 (PCT/FR2016/050161)
[87] (WO2016/120560)
[30] FR (1550762) 2015-01-30
[30] FR (1551593) 2015-02-25
[30] FR (1561704) 2015-12-02

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[51] **Int.Cl. F03D 3/04 (2006.01)**
[25] EN
[54] **WIND TURBINE WITH ROTARY GUIDES**
[54] **EOLIENNE AVEC GUIDES D'AIR ROTATIFS**
[72] PISKORZ, WALDEMAR, PL
[72] PISKORZ, TOMASZ TADEUSZ, PL
[72] PISKORZ, IRENEUSZ, PL
[71] PISKORZ, WALDEMAR, PL
[71] PISKORZ, TOMASZ TADEUSZ, PL
[71] PISKORZ, IRENEUSZ, PL
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[51] **Int.Cl. F03C 1/16 (2006.01) F03C 1/047 (2006.01) F03C 1/26 (2006.01) F04B 1/047 (2006.01)**
[25] FR
[54] **PHASE SHIFTER OF A VALVE FOR A HYDRAULIC ENGINE/PUMP**
[54] **DEPHASEUR DE DISTRIBUTEUR POUR MOTEUR-POMPE HYDRAULIQUE**
[72] RABHI, VIANNEY, FR
[71] RABHI, VIANNEY, FR
[85] 2017-07-20
[86] 2016-02-12 (PCT/FR2016/050326)
[87] (WO2016/132051)
[30] FR (1551496) 2015-02-20

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[51] **Int.Cl. E21B 7/06 (2006.01) E21B 7/20 (2006.01) E21B 10/64 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DRILLING A DIRECTIONAL BOREHOLE IN THE GROUND**
[54] **APPAREIL ET PROCEDE DE FORAGE D'UN PUITS DIRECTIONNEL DANS LE SOL**
[72] VAN OG, GERARDUS GODEFRIDUS JOHANNES, NL
[72] VAN DUIVENDIJK, PIETER DIRK MELIS, NL
[72] ROODENBURG, JOOP, NL
[71] HUISMAN WELL TECHNOLOGY, NL
[85] 2017-07-20
[86] 2016-01-21 (PCT/NL2016/050048)
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[30] NL (2014169) 2015-01-21

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[51] **Int.Cl. E21B 7/08 (2006.01) E21B 17/20 (2006.01) E21B 47/02 (2006.01)**
[25] EN
[54] **LOAD-BEARING UNIVERSAL JOINT WITH SELF-ENERGIZING SEALS FOR A ROTARY STEERABLE DRILLING TOOL**
[54] **JOINT UNIVERSEL PORTEUR AVEC JOINTS D'ETANCHEITE AUTO-SERREURS POUR UN OUTIL DE FORAGE ROTARY ORIENTABLE**
[72] PATWA, RUCHIR SHIRISH, US
[72] WINSLOW, DANIEL, US
[72] DEOLALIKAR, NEELESH, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-20
[86] 2015-03-06 (PCT/US2015/019257)
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[13] A1
[51] **Int.Cl. F28D 9/00 (2006.01) F28F 3/08 (2006.01) F28F 21/06 (2006.01)**
[25] EN
[54] **POLYMER FILM HEAT EXCHANGER WITH INTEGRAL MANIFOLDS**
[54] **ECHANGEUR THERMIQUE A FILM POLYMERE, POURVU DE COLLECTEURS INTEGRES**
[72] MARTIN, CHRISTOPHER LEE, US
[72] DUNHAM, GRANT EDWARD, US
[71] ENERGY & ENVIRONMENTAL RESEARCH CENTER FOUNDATION, US
[85] 2017-07-20
[86] 2016-01-15 (PCT/US2016/013617)
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[13] A1
[51] **Int.Cl. C03C 27/10 (2006.01)**
[25] FR
[54] **SIZING COMPOSITION FOR MINERAL WOOL, COMPRISING LIGNOSULFONATE AND A CARBONYL COMPOUND, AND RESULTING INSULATING PRODUCTS**
[54] **COMPOSITION D'ENCOLLAGE POUR LAINE MINERALE A BASE DE LIGNOSULFONATE ET D'UN COMPOSE CARBONYLE, ET PRODUITS ISOLANTS OBTENUS**
[72] ALLAIS, FLORENT, FR
[72] DUCROT, PAUL-HENRI, FR
[72] BROUSSARD, ORIANNE, FR
[72] PETIT, MORGANE, FR
[72] SILIOC, CHRISTELLE, FR
[71] SAINT-GOBAIN ISOVER, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE, FR
[85] 2017-07-20
[86] 2016-02-01 (PCT/FR2016/050205)
[87] (WO2016/120576)
[30] FR (1550721) 2015-01-30
[30] FR (1550723) 2015-01-30

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[13] A1
[51] **Int.Cl. B22D 19/02 (2006.01) E21B 10/62 (2006.01)**
[25] EN
[54] **MESH REINFORCEMENT FOR METAL-MATRIX COMPOSITE TOOLS**
[54] **RENFORCEMENT EN TREILLIS DESTINE A DES OUTILS COMPOSITES A MATRICE METALLIQUE**
[72] VOGLEWEDE, DANIEL BRENDAN, US
[72] COOK, GRANT O., III, US
[72] OLSEN, GARRETT T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-07-20
[86] 2015-03-19 (PCT/US2015/021540)
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[13] A1
[51] **Int.Cl. B68G 15/00 (2006.01) A47C 27/04 (2006.01) B68G 7/02 (2006.01)**
[25] EN
[54] **MATTRESS MANUFACTURING PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE FABRICATION D'UN MATELAS**
[72] SUBHEDAR, VINIT V., US
[72] FOWLER, GREGORY, US
[72] JAN, FRANCIS, US
[71] DREAMWELL, LTD., US
[85] 2017-07-20
[86] 2016-01-22 (PCT/US2016/014473)
[87] (WO2016/118829)
[30] US (62/106,938) 2015-01-23

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[13] A1
[51] **Int.Cl. B68G 15/00 (2006.01) A47C 27/04 (2006.01) B68G 7/02 (2006.01)**
[25] EN
[54] **MATTRESS MANUFACTURING PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE MATELAS**
[72] SUBHEDAR, VINIT V., US
[72] FOWLER, GREGORY, US
[72] JAN, FRANCIS, US
[71] DREAMWELL, LTD., US
[85] 2017-07-20
[86] 2016-01-22 (PCT/US2016/014476)
[87] (WO2016/118831)
[30] US (62/106,945) 2015-01-23

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[13] A1
[51] **Int.Cl. B68G 15/00 (2006.01) A47C 27/04 (2006.01) B68G 7/00 (2006.01)**
[25] EN
[54] **MATTRESS MANUFACTURING PROCESS AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE MATELAS**
[72] SUBHEDAR, VINIT V., US
[72] FOWLER, GREGORY, US
[72] JAN, FRANCIS, US
[71] DREAMWELL, LTD., US
[85] 2017-07-20
[86] 2016-01-22 (PCT/US2016/014480)
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[30] US (62/106,947) 2015-01-23

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[72] JAN, FRANCIS, US
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[71] HOLLISTER INCORPORATED, US
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[71] HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., US
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[54] **METHODE DE GESTION DES AUTORISATIONS DANS UN ARRANGEMENT COMPORTANT PLUSIEURS SYSTEMES INFORMATIQUES**
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[72] JANTSCHER, MANFRED, AT
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[71] CISC SEMICONDUCTOR GMBH, AT
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[54] **ADAPTATEUR A DIAPHRAGME DE SEPARATION DE MILIEU DESTINE A UN PROTECTEUR DE POITRINE**
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[72] EMMENEGGER, BERNHARD, CH
[71] MEDELA HOLDING AG, CH
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[72] STALEY, SHAUN, US
[72] DAVIS, BRYAN G., US
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[71] ARRIS ENTERPRISES LLC, US
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[72] NIE, YAO, US
[72] HO, STANLEY, US
[71] VENTANA MEDICAL SYSTEMS, INC., US
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[54] **METHOD AND APPARATUS FOR TREATING BLOOD VESSEL IN SKIN**
[54] **APPAREIL DE TRAITEMENT DE VAISSEAUX SANGUINS DANS LA PEAU**
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[54] **TRAITEMENT ET VISUALISATION D'IMAGE AVANCES SANS CONTACT**
[72] ZHAO, TIECHENG, US
[72] ITO, KEIJI, US
[72] MOFFITT, RYAN, US
[71] TERARECON, INC., US
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[54] **POLYNUCLEOTIDES ADN/ARN CRISPR HYBRIDES ET LEURS PROCEDES D'UTILISATION**
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[72] DONOHOUE, PAUL D., US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **A METHOD AND APPARATUS OF ENCODING AND DECODING A COLOR PICTURE**
[54] **PROCEDE ET APPAREIL DE CODAGE ET DE DECODAGE D'UNE IMAGE EN COULEURS**
[72] LASSERRE, SEBASTIEN, FR
[72] ANDRIVON, PIERRE, FR
[72] LELEANNEC, FABRICE, FR
[72] TOUZE, DAVID, FR
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[54] **SYSTEME DE COLLECTE DE COLOSTRUM**
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[72] CARY, MARIANN, US
[72] INGRAM, AARON N., US
[72] COSTELLO, MARK MARTIN, IE
[72] MCDERMOTT, ADRIAN, IE
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[54] **DEVICE FOR CONTROLLING THE FLOW IN A TURBOMACHINE, TURBOMACHINE AND METHOD**
[54] **DISPOSITIF DE REGULATION DU DEBIT DANS UNE TURBOMACHINE, TURBOMACHINE ET PROCEDE**
[72] SCOTTI DEL GRECO, ALBERTO, IT
[72] RADHAKRISHNAN, SEN, IN
[72] GADAMSETTY, RAJESH KUMAR VENKATA, IN
[72] LANG, MATTHIAS CARL, DE
[72] SEZAL, ISMAIL HAKKI, DE
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[72] POWER, STEPHEN, IE
[71] URN TOWERS LIMITED, IE
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[72] FERRARI, VALERIO MARIA, IT
[71] FERRARI, VALERIO MARIA, IT
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[54] **STRUCTURE OF ACCESSORY ELEMENT FOR EQUIPMENT OF FLOORBALL TRAINING COURT AND USE OF IT FOR FORMATION OF FLOORBALL SIMULATOR**
[54] **STRUCTURE D'ELEMENT ACCESSOIRE POUR EQUIPEMENT DE TERRAIN D'ENTRAINEMENT DE FLOORBALL, ET SON UTILISATION POUR LA FORMATION D'UN SIMULATEUR DE FLOORBALL**
[72] SUTTA, PETERS, LV
[72] LEITANS, JANIS, LV
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[54] **APPAREIL D'AERATION ET PROCEDES ASSOCIES**
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[71] PLANETAIR TURF PRODUCTS, LLC, US
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[54] **COUCHES DE NORMALISATION DE LOT**
[72] IOFFE, SERGEY, US
[72] CORTES, CORINNA, US
[71] GOOGLE INC., US
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[54] **SYSTEMES ET PROCEDES PERMETTANT DE RECUPERER ET DE TRAITER DES DONNEES DE CREDIT POUR UN EXAMEN CENTRALISE**
[72] TILLMAN, KEITH, US
[72] GUARRERA, F.J., US
[72] HENNY, CARRIE, US
[72] AKE, TIM E., US
[72] LACHAPPELLE, CRAIG, US
[72] FULMER, MIKE, US
[72] OKRUTNY, ANTHONY, US
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[54] **EDITION D'INSTRUCTION PAR UNE MACHINE**
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[72] SELKER, KEVIN, US
[71] PHASE CHANGE SOFTWARE LLC, US
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[54] **CAPTEUR DE VITESSE DE ROTATION, DE COUPLE DE ROTATION ET DE PUISSANCE SANS CABLE POUR BICYCLETTES**
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[71] NCTE AG, DE
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[54] **DISPOSITIF DE REFROIDISSEMENT POUR REFROIDIR UN ROTOR A NOMBRE ELEVE DE POLES**
[72] DENNERLEIN, KLAUS, DE
[72] FRANK, MICHAEL, DE
[72] GRUNDMANN, JORN, DE
[72] KUHNERT, ANNE, DE
[72] KUMMETH, PETER, DE
[72] VAN HASSELT, PETER, DE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
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[54] **MICRODISPOSITIF POUR LA CAPTURE IN VIVO DE BIOMARQUEURS CELLULAIRES CIRCULANTS**
[72] CERF, ALINE, FR
[72] SANSON, SYLVAIN, FR
[72] CAYRON, HELENE, FR
[72] JIMENEZ, ALEJANDRO KAYUM, MX
[72] VIEU, CHRISTOPHE, FR
[72] MALAVAUD, BERNARD, FR
[71] UNIVERSITE TOULOUSE III-PAUL SABATIER, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE TOULOUSE, FR
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[54] **DISPOSITIF PROTHETIQUE DE STERNUM AVEC MANUBRIUM**
[72] FABRE, DOMINIQUE, FR
[72] FADEL, ELIE, FR
[72] MERCIER, OLAF, FR
[72] MOREAU, PATRICE, FR
[72] MUSSOT, SACHA, FR
[72] WORNER, KARIN, FR
[71] NEURO FRANCE IMPLANTS, FR
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[54] **METHODS AND SYSTEMS FOR IDENTIFYING POTENTIAL ENTERPRISE SOFTWARE THREATS BASED ON VISUAL AND NON-VISUAL DATA**
[54] **PROCEDES ET SYSTEMES PERMETTANT D'IDENTIFIER D'EVENTUELLES MENACES A DES LOGICIELS D'ENTREPRISE EN SE BASANT SUR DES DONNEES VISUELLES ET NON VISUELLES**
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[72] GILBERT, MARK, US
[71] CARBON BLACK, INC., US
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[25] EN
[54] **RELEASEABLE CATHETER HUB RETAINER**
[54] **DISPOSITIF DE RETENUE D'EMBASE DE CATHETER AMOVIBLE**
[72] AKCAY, GURSEL, US
[72] MUSKATELLO, JAMES, US
[72] CHHEDA, HARSH, US
[72] GORAL, DAVID, US
[72] PALIWODA, BRIAN, US
[71] SMITHS MEDICAL ASD, INC., US
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[87] (WO2016/123612)
[30] US (62/109,755) 2015-01-30
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[30] US (62/109,715) 2015-01-30
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[30] US (62/109,735) 2015-01-30
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[54] **AMELIORATION DES PERFORMANCES D'UN FLUX DE TRAVAIL AVEC CALCUL COGNITIF**
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[72] JAMISON, DALE E., US
[72] BAR, AMIR, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **AGENCEMENT DE COMPRESSEUR ROTATIF**
[72] GANSHOF VAN DER MEERSCH, NICOLAS, CH
[72] AIT BOUZIAD, YOUCEF, CH
[72] NOTH, ANDRE, CH
[71] NESTEC S.A., CH
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[72] MUTHER, MARCEL, CH
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[54] **ENSEMBLE DE REDRESSEMENT A PERFORMANCES AERODYNAMIQUES OPTIMISEES**
[72] DAMEVIN, HENRI-MARIE, FR
[72] FESSOU, PHILIPPE JACQUES PIERRE, FR
[72] MANIERE, VIANNEY CHRISTOPHE MARIE, FR
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[54] **SYSTEMES, METHODES ET APPAREIL DE PANOMETRIE OESOPHAGIENNE**
[72] PANDOLFINO, JOHN ERIK, US
[72] LIN, ZHIYUE, US
[72] KAHRILAS, PETER J., US
[72] O'DEA, JOHN, IE
[72] MCHUGH, ADRIAN, IE
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[54] **DISPOSITIF D'ACCES INTRAVEINEUX DETECTANT UNE INFILTRATION INTRAVEINEUSE ET UNE POSE DANS LA VEINE**
[72] EAGLE, SUSAN S., US
[72] BROPHY, COLLEEN, US
[72] HOCKING, KYLE MITCHELL, US
[72] BAUDENBACHER, FRANZ, US
[72] BOYER, RICHARD, US
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[54] **CODAGE ET COMPRESSION EFFICACES DE DONNEES D'ECG OPTIMISEES A UTILISER DANS UN MONITEUR ECG AMBULATOIRE**
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[72] DREISBACH, EZRA M., US
[71] BARDY DIAGNOSTICS, INC., US
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[54] **EXTRACTEUR AMELIORE POUR DISPOSITIF DE GENERATION D'AEROSOL**
[72] GREIM, OLIVIER, CH
[72] RUSCIO, DANI, CH
[72] MAHLER, BORIS, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
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[71] CODIUN LIMITED, GB
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[54] **NOUVELLE STRATEGIE DE REMODELAGE CUTANE**
[72] SENTE, ILSE, BE
[72] CORSTJENS, HUGO A.L., BE
[72] DECLERCQ, LIEVE, BE
[71] ELC MANAGEMENT LLC, US
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[54] **COMPOSES D'AMIDE EN TANT QU'AGONISTES DU RECEPTEUR DE 5-HT4**
[72] NIROGI, RAMAKRISHNA, IN
[72] SHINDE, ANIL KARBHARI, IN
[72] MOHAMMED, ABDUL RASHEED, IN
[72] SARAF, SANGRAM KESHARI, IN
[72] BOGARAJU, NARSIMHA, IN
[72] SUBRAMANIAN, RAMKUMAR, IN
[72] JAYARAJAN, PRADEEP, IN
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[71] SUVEN LIFE SCIENCES LIMITED, IN
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[54] **PHARMACEUTICAL COMPOSITION FOR PREVENTING OR TREATING CHRONIC MYELOID LEUKEMIA AND METHOD USING THE SAME**
[54] **COMPOSITION PHARMACEUTIQUE POUR PREVENIR OU TRAITER LA LEUCEMIE MYELOIDE CHRONIQUE ET SON PROCEDE D'UTILISATION**
[72] HA, IL HO, KR
[72] NAKA, KAZUHITO, JP
[72] LEE, LEE YOUNG, KR
[71] MEDPACTO INC., KR
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[54] **COMPOSITION PHARMACEUTIQUE DESTINEE A PREVENIR OU A TRAITER LE CANCER, ET SON PROCEDE DE PREPARATION**
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[71] MEDPACTO INC., KR
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[54] **PROCEDES DE LIAISON DE SUBSTRATS**
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[72] LONG, MICHAEL DEVIN, US
[72] ORDWAY, DAVID CARLTON, US
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[54] **PROCEDE DE DISTILLATION POUR LA PRODUCTION D'ACIDE ACRYLIQUE**
[72] SOOKRAJ, SADESH H., US
[71] NOVOMER, INC., US
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[54] **INTEGRATED METHODS FOR CHEMICAL SYNTHESIS**
[54] **PROCEDES INTEGRES DE SYNTHESE CHIMIQUE**
[72] SOOKRAJ, SADESH H., US
[72] SLOWIK, MICHAEL A., US
[71] NOVOMER, INC., US
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[54] **DISPOSITIF D'EVISCERATION ET PROCEDE D'EVISCERATION DE POISSONS**
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[54] **MECANISME DE SECURITE POUR CONTENANTS**
[72] DABBUR, ISMAIL OMAR, IL
[71] SEALTAP GMBH, CH
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[54] **BOURRELETS D'ETANCHEITE EN TPE A FAIBLE FORCE DE COMPRESSION**
[72] HUNTRESS, JOHN, US
[72] MERTINOOKE, PETER, US
[71] AMESBURY GROUP, INC., US
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[54] **JOINT COULISSEAU DE VITRE A BASE ONDULEE**
[72] MERTINOOKE, PETER, US
[72] MAY, MIKE, US
[72] SLEEMAN, GARY, US
[71] AMESBURY GROUP, INC., US
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[54] **TRACK-MODULE APPARATUS WITH LOAD-INDEPENDENT LOAD DISTRIBUTION**
[54] **APPAREIL DE MODULE A CHENILLE AVEC REPARTITION DE CHARGE INDEPENDANTE DE LA CHARGE**
[72] TIEDE, DUANE, US
[72] RESHAD, JAMSHEED, US
[72] STACY, TIMOTHY D., US
[72] JUNCKER, KENNETH J., US
[71] ATI, INC., US
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[54] **TRACK-MODULE BOGIE-SUSPENSION SYSTEM**
[54] **SYSTEME DE SUSPENSION A BOGIE DE MODULE A CHENILLE**
[72] TIEDE, DUANE, US
[72] RESHAD, JAMSHEED, US
[72] STACY, TIMOTHY D., US
[72] JUNCKER, KENNETH J., US
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[54] **PANNEAU ACOUSTIQUE DE STRATIFIE ET PROCEDE D'INSTALLATION DE SYSTEME DE PLAFOND**
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[72] ROBERTS, JEFFREY SCOTT, US
[71] ARMSTRONG WORLD INDUSTRIES, INC., US
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[54] **CARTRIDGE AND METHOD FOR GAS DISSOLUTION IN BEVERAGES**
[54] **CARTOUCHE ET PROCEDE POUR LA DISSOLUTION DE GAZ DANS DES BOISSONS**
[72] PETERSON, PETER, US
[72] HUOT CARLSON, JENNIFER CAITLIN, US
[71] BEDFORD SYSTEMS LLC, US
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[54] **MULTI-DOMAIN ENZYMES HAVING CUTINASE ACTIVITY, COMPOSITIONS COMPRISING SAME AND USES THEREOF**
[54] **ENZYMES A PLUSIEURS DOMAINES AYANT UNE ACTIVITE CUTINASE, COMPOSITIONS LES COMPORTANT ET LEURS UTILISATIONS**
[72] ABOKITSE, KOFI, CA
[72] LAU, PETER C.K., CA
[72] GROSSE, STEPHAN, CA
[71] OZYMES, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **COMPOSITION ACIDE A BASE DE LEONARDITE ET D'ACIDES AMINES**
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[71] SIPCAM INAGRA, S.A., ES
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[54] **CHAINE ALPHA A RECEPTEUR IGE A GRANDE AFFINITE DE FUSION FC**
[72] SAKAMOTO, TAKASHI, JP
[72] INADA, YOICHI, JP
[72] YOKOYAMA, KAZUMASA, JP
[71] KISSEI PHARMACEUTICAL CO., LTD., JP
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[54] **INHIBITEURS DE LA GHRELINE O-ACYL TRANSFERASE**
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[72] HEMBRE, ERIK JAMES, US
[72] HONIGSCHMIDT, NICHOLAS ALLAN, US
[72] MARTINEZ-GRAU, MARIA ANGELES, US
[72] PLAZA, GEMA RUANO, US
[72] RUBIO, ALMUDENA, US
[71] ELI LILLY AND COMPANY, US
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[54] **OLIGONUCLEOTIDES ACYL-AMINO-LNA ET/OU HYDROCARBYL-AMINO-LNA**
[72] WENGEL, JESPER, DK
[71] RIBO TASK APS, DK
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[30] DK (PA 2015 00090) 2015-02-15
[30] DK (PA 2015 00440) 2015-08-03
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[72] GLICKSMAN, AMI, IL
[71] IMPLITE LTD., IL
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[54] **MODULE DE BATTERIE LITHIUM-ION A SYSTEME DE REFROIDISSEMENT**
[72] KRUGER, JOHANNES CHRISTIAN, CA
[72] PERRY, BRENT ANTHONY, CA
[71] TTB HOLDING COMPANY LIMITED, CA
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[54] **STORAGE AND DELIVERY FOR A WATER TREATMENT SYSTEM AND METHOD OF USING THE SAME**
[54] **STOCKAGE ET DISTRIBUTION POUR SYSTEME DE TRAITEMENT DE L'EAU ET SON PROCEDE D'UTILISATION**
[72] WILSON, STEVEN K., US
[72] DIMOTSIS, GEORGE L., US
[72] KIRCHNER, RICHARD A., US
[71] ECOWATER SYSTEMS LLC, US
[85] 2017-08-15
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[30] US (62/139,036) 2015-03-27
[30] US (15/079,774) 2016-03-24

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[51] **Int.Cl. A61K 35/17 (2015.01) A61P 37/06 (2006.01)**
[25] EN
[54] **COMBINATION IMMUNE THERAPY AND CYTOKINE CONTROL THERAPY FOR CANCER TREATMENT**
[54] **ASSOCIATION D'UNE IMMUNOTHERAPIE ET D'UNE THERAPIE DE CONTROLE DES CYTOKINES POUR LE TRAITEMENT DU CANCER**
[72] NOVIK, SHAI, IL
[72] MEVORACH, DROR, IL
[71] ENLIVEX THERAPEUTICS LTD., IL
[85] 2017-08-16
[86] 2016-02-18 (PCT/IL2016/050194)
[87] (WO2016/132366)
[30] US (62/117,752) 2015-02-18
[30] US (62/127,218) 2015-03-02
[30] US (62/148,227) 2015-04-16
[30] US (62/159,365) 2015-05-11

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[51] **Int.Cl. H04W 88/06 (2009.01) H04W 88/10 (2009.01)**
[25] EN
[54] **WIRELESS COMMUNICATION SYSTEM, BASE STATION, AND MOBILE STATION**
[54] **SYSTEME DE COMMUNICATION SANS FIL, STATION DE BASE ET STATION MOBILE**
[72] OHTA, YOSHIAKI, JP
[72] AIKAWA, SHINICHIRO, JP
[72] ODE, TAKAYOSHI, JP
[72] SUGA, JUNICHI, JP
[72] TAKECHI, RYUICHI, JP
[71] FUJITSU LIMITED, JP
[85] 2017-08-16
[86] 2015-02-20 (PCT/JP2015/054893)
[87] (WO2016/132561)

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[51] **Int.Cl. C09D 11/30 (2014.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01)**
[25] EN
[54] **PHOTOCURABLE INK COMPOSITION FOR INKJECT PRINTING**
[54] **COMPOSITION D'ENCRE POUR IMPRESSION A JET D'ENCRE DE TYPE PHOTODURCISSABLE**
[72] HIROSE, TADASHI, JP
[72] FUKE, KAZUHIRO, JP
[71] SAKATA INX CORPORATION, JP
[85] 2017-08-16
[86] 2015-12-15 (PCT/JP2015/085004)
[87] (WO2016/136097)
[30] JP (2015-037076) 2015-02-26

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[51] **Int.Cl. C09D 11/30 (2014.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01)**
[25] EN
[54] **PHOTOCURABLE WHITE INK COMPOSITION FOR INKJET PRINTING**
[54] **COMPOSITION D'ENCRE BLANCHE POUR IMPRESSION A JET D'ENCRE DE TYPE PHOTODURCISSABLE**
[72] HIROSE, TADASHI, JP
[72] FUKE, KAZUHIRO, JP
[71] SAKATA INX CORPORATION, JP
[85] 2017-08-16
[86] 2015-12-15 (PCT/JP2015/085005)
[87] (WO2016/136098)
[30] JP (2015-037077) 2015-02-26

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[13] A1
[51] **Int.Cl. C21B 5/00 (2006.01) C21B 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING BLAST FURNACE**
[54] **PROCEDE DE FONCTIONNEMENT D'UN HAUT-FOURNEAU**
[72] MURAO, AKINORI, JP
[72] YAMAMOTO, NAOKI, JP
[72] KAWASHIMA, TOMOYUKI, JP
[72] OOYAMA, NOBUYUKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-08-16
[86] 2016-02-22 (PCT/JP2016/000930)
[87] (WO2016/139912)
[30] JP (2015-039967) 2015-03-02

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[51] **Int.Cl. G06Q 50/04 (2012.01) G05B 19/418 (2006.01)**
[25] EN
[54] **SCHEDULE MANAGEMENT SYSTEM**
[54] **SYSTEME DE GESTION DE CALENDRIER**
[72] MURANAKA, SHIARU, JP
[72] YONEDA, KENJI, JP
[72] UTSUMI, HIROSHI, JP
[71] SHIBUYA CORPORATION, JP
[85] 2017-08-16
[86] 2016-01-22 (PCT/JP2016/051795)
[87] (WO2016/132812)
[30] JP (2015-029953) 2015-02-18

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[51] **Int.Cl. C21B 5/00 (2006.01) C21B 7/00 (2006.01)**
[25] EN
[54] **METHOD FOR OPERATING BLAST FURNACE**
[54] **PROCEDE DE FONCTIONNEMENT D'UN HAUT-FOURNEAU**
[72] YAMAMOTO, NAOKI, JP
[72] MURAO, AKINORI, JP
[72] KAWASHIMA, TOMOYUKI, JP
[72] OOYAMA, NOBUYUKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-08-16
[86] 2016-02-22 (PCT/JP2016/000931)
[87] (WO2016/139913)
[30] JP (2015-039968) 2015-03-02

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[51] **Int.Cl. F16F 9/32 (2006.01) B60G 11/16 (2006.01) F16F 1/12 (2006.01)**
[25] EN
[54] **LOWER-SIDE SPRING-RECEIVING MEMBER**
[54] **ELEMENT DE RECEPTION DE RESSORT COTE INFERIEUR**
[72] OHMURA, SHUJI, JP
[72] HOSOMI, SHOHEI, JP
[72] UMENO, JUN, JP
[71] NHK SPRING CO., LTD., JP
[85] 2017-08-16
[86] 2016-02-04 (PCT/JP2016/053409)
[87] (WO2016/132925)
[30] JP (2015-028306) 2015-02-17

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[51] **Int.Cl. B05C 5/00 (2006.01) B05C 11/10 (2006.01) B05D 1/26 (2006.01) B23K 3/06 (2006.01) H05K 3/34 (2006.01)**
[25] EN
[54] **FLUID DISCHARGE DEVICE, FLUID DISCHARGE METHOD, AND FLUID APPLICATION DEVICE**
[54] **DISPOSITIF D'EVACUATION DE FLUIDE, PROCEDE D'EVACUATION DE FLUIDE, ET DISPOSITIF D'APPLICATION DE FLUIDE**
[72] NAUCHI, TAKASHI, JP
[72] NAKAMURA, HIDEKI, JP
[72] MUTSUJI, TOSHIHIKO, JP
[72] KITAZAWA, KAZUYA, JP
[71] SENJU METAL INDUSTRY CO., LTD., JP
[85] 2017-08-16
[86] 2016-01-13 (PCT/JP2016/050757)
[87] (WO2016/114275)
[30] JP (2015-003859) 2015-01-13
[30] JP (2015-003860) 2015-01-13

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[13] A1
[51] **Int.Cl. C09D 11/38 (2014.01) C09D 11/322 (2014.01) B41J 2/01 (2006.01) B41M 5/00 (2006.01)**
[25] EN
[54] **WATER-BASED INKJET INK COMPOSITION FOR PRINTING ON NONABSORBENT BASE MATERIAL**
[54] **COMPOSITION AQUEUSE D'ENCRE POUR JET D'ENCRE POUR L'IMPRESSION SUR UN MATERIAU DE BASE NON ABSORBANT**
[72] SATO, YOICHI, JP
[72] KONISHI, HIROYUKI, JP
[72] MORIYASU, KAZUKI, JP
[71] SAKATA INX CORPORATION, JP
[85] 2017-08-16
[86] 2016-02-10 (PCT/JP2016/053920)
[87] (WO2016/136469)
[30] JP (2015-039586) 2015-02-27

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[51] **Int.Cl. C07D 453/02 (2006.01) A61K 31/439 (2006.01) A61P 11/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **QUINUCLIDINE DERIVATIVE**
[54] **DERIVE DE QUINUCLIDINE**
[72] MIZUSHIMA, TOHRU, JP
[72] YAMASHITA, YASUNOBU, JP
[72] YAMAKAWA, NAOKI, JP
[71] LTT BIO-PHARMA CO., LTD., JP
[85] 2017-08-16
[86] 2016-02-25 (PCT/JP2016/055637)
[87] (WO2016/140136)
[30] JP (2015-040321) 2015-03-02

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[13] A1
[51] **Int.Cl. E02F 9/26 (2006.01)**
[25] EN
[54] **IMAGE DISPLAY SYSTEM OF WORK MACHINE, REMOTE OPERATION SYSTEM FOR WORK MACHINE, AND WORK MACHINE**
[54] **SYSTEME D'AFFICHAGE D'IMAGE D'ENGIN DE CHANTIER, SYSTEME DE COMMANDE A DISTANCE D'ENGIN DE CHANTIER, ET ENGIN DE CHANTIER**
[72] YOSHINADA, HIROSHI, JP
[72] TANIMOTO, TAKANOBU, JP
[71] KOMATSU LTD., JP
[71] OSAKA UNIVERSITY, JP
[85] 2017-08-16
[86] 2016-02-16 (PCT/JP2016/054437)
[87] (WO2016/140055)
[30] JP (2015-044050) 2015-03-05

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[13] A1
[51] **Int.Cl. A23P 30/00 (2016.01) A23L 5/00 (2016.01) A23L 17/60 (2016.01)**
[25] EN
[54] **FOOD PROCESSING APPARATUS AND FOOD MANUFACTURING METHOD USING SAME**
[54] **APPAREIL DE TRAITEMENT DES ALIMENTS ET PROCEDE DE FABRICATION D'ALIMENT A L'AIDE DE CELUI-CI**
[72] KIM, MYUNG HO, KR
[72] PARK, JUNG SEO, KR
[72] PARK, JOO DONG, KR
[72] PARK, HYUN WOONG, KR
[72] BACK, TAE HUM, KR
[72] LEE, DONG JIN, KR
[72] CHUNG, SU YEON, KR
[72] YUN, SANG GOO, KR
[72] LEE, CHANG YONG, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[85] 2017-08-16
[86] 2016-02-04 (PCT/KR2016/001210)
[87] (WO2016/133303)
[30] KR (10-2015-0023431) 2015-02-16

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[13] A1
[51] **Int.Cl. H01M 8/02 (2016.01) H01B 1/06 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **COMPOSITE POLYMER ELECTROLYTE MEMBRANE, AND CATALYST-COATED MEMBRANE, MEMBRANE ELECTRODE ASSEMBLY, AND POLYMER ELECTROLYTE FUEL CELL USING THE COMPOSITE POLYMER ELECTROLYTE MEMBRANE**
[54] **MEMBRANE A ELECTROLYTE POLYMERE COMPOSITE, AINSI QUE MEMBRANE A ELECTROLYTE AYANT UNE COUCHE DE CATALYSEUR, ENSEMBLE ELECTRODE A MEMBRANE ET PILE A COMBUSTIBLE POLYMERE SOLIDE DANS LAQUELLE EST UTILISEE LADITE MEMBRANE A ELECTROLYTE POLYMERE COMPOSITE**
[72] YAMAGUCHI, JUNPEI, JP
[72] IZUHARA, DAISUKE, JP
[72] UMEDA, HIROAKI, JP
[72] OKAMOTO, YUMIKO, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-08-16
[86] 2016-03-10 (PCT/JP2016/057590)
[87] (WO2016/148017)
[30] JP (2015-050409) 2015-03-13

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[13] A1
[51] **Int.Cl. A61K 36/54 (2006.01) A61K 36/481 (2006.01) A61P 3/08 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **WATER EXTRACTS OF CINNAMON AND RADIX ASTRAGALI**
[54] **EXTRAITS AQUEUX DE CANNELLE ET DE RADIX ASTRAGALI**
[72] CHENG, NANZHENG, US
[71] CHENG, NANZHENG, US
[85] 2017-08-16
[86] 2015-07-27 (PCT/US2015/042215)
[87] (WO2016/018799)
[30] US (14/444,873) 2014-07-28

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[13] A1
[51] **Int.Cl. B67B 7/48 (2006.01)**
[25] EN
[54] **PUNCTURING DEVICE FOR AEROSOL CONTAINERS**
[54] **DIPOSITIF DE PERFORATION POUR BOMBES AEROSOL**
[72] CAMPBELL, MICHAEL C., US
[71] JUSTRITE MANUFACTURING COMPANY, LLC, US
[85] 2017-08-16
[86] 2015-08-14 (PCT/US2015/045366)
[87] (WO2017/030540)

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[13] A1
[51] **Int.Cl. F16L 53/00 (2006.01) H05B 1/02 (2006.01) H04W 4/00 (2009.01) G08C 17/02 (2006.01)**
[25] EN
[54] **WIRELESS MODULES WITH POWER CONTROL CIRCUITS FOR HEAT TRACE SYSTEM**
[54] **MODULES SANS FIL AVEC CIRCUITS DE COMMANDE D'ALIMENTATION POUR SYSTEME DE TRACAGE ELECTRIQUE**
[72] CROMBIE, MARK, US
[72] HEILIGENSTEIN, ADAM, US
[71] CHROMALOX, INC., US
[85] 2017-08-16
[86] 2016-01-20 (PCT/US2016/014152)
[87] (WO2016/133641)
[30] US (14/626,160) 2015-02-19

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[13] A1
[51] **Int.Cl. A61B 5/15 (2006.01) A61M 1/16 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **MEDICAL PUMP FILTRATION DEVICE, AND METHODS OF MANUFACTURE AND USE THEREOF**
[54] **DISPOSITIF DE FILTRATION D'UNE POMPE MEDICALE, SES PROCEDES DE FABRICATION ET D'UTILISATION**
[72] AARESTAD, JERRY, US
[72] PAUL, WILLIAM C., III, US
[72] MAINE, STEPHEN G.T., US
[71] SOMMETRICS, INC., US
[85] 2017-08-16
[86] 2016-02-17 (PCT/US2016/018320)
[87] (WO2016/134052)
[30] US (62/117,313) 2015-02-17
[30] US (62/184,799) 2015-06-25

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[13] A1
[51] **Int.Cl. B01D 19/00 (2006.01) B01D 19/02 (2006.01) B01D 19/04 (2006.01)**
[25] EN
[54] **EMULSION FOAM REDUCER FOR WET PROCESSING OF CELLULOSE OR WOOD-BASED PRODUCTS OR IN FOOD PROCESSING**
[54] **REDUCTEUR DE MOUSSE D'EMULSION POUR LE TRAITEMENT HUMIDE DE PRODUITS DE CELLULOSE OU A BASE DE BOIS, OU INTERVENANT DANS LA TRANSFORMATION DES PRODUITS ALIMENTAIRES**
[72] HUNDLEY, JOSEPH W., US
[72] DUNWOODY, STEVEN A., US
[72] HUNDLEY, DAVID M., US
[71] STATE LINE HOLDINGS, LLC., US
[85] 2017-08-16
[86] 2016-02-18 (PCT/US2016/018431)
[87] (WO2016/134124)
[30] US (62/117,934) 2015-02-18

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[13] A1
[51] **Int.Cl. A61M 5/145 (2006.01) A61M 39/10 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **MICRO INFUSION DEVICE FOR DRUG DELIVERY**
[54] **DISPOSITIF DE MICRO-PERFUSION POUR L'ADMINISTRATION DE MEDICAMENTS**
[72] VASKO, ROBERT, US
[71] CAREFUSION 303, INC., US
[85] 2017-08-16
[86] 2016-02-18 (PCT/US2016/018414)
[87] (WO2016/134113)
[30] US (14/627,557) 2015-02-20

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[13] A1
[51] **Int.Cl. A47C 1/00 (2006.01)**
[25] EN
[54] **SWIVEL MECHANISM FOR VEHICLE SEAT**
[54] **MECANISME DE PIVOTEMENT POUR UN SIEGE DE VEHICULE**
[72] MARINI, HECTOR NOEL, US
[72] BOYLE, MICHAEL, US
[71] PAC SEATING SYSTEMS, INC., US
[85] 2017-08-16
[86] 2016-02-19 (PCT/US2016/018685)
[87] (WO2016/134262)
[30] US (14/626,283) 2015-02-19

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[21] **2,976,923**
[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01)**
[25] EN
[54] **BIOINFORMATICS SYSTEMS, APPARATUSES, AND METHODS EXECUTED ON AN INTEGRATED CIRCUIT PROCESSING PLATFORM**
[54] **SYSTEMES BIO-INFORMATIQUES, APPAREILS ET PROCEDES EXECUTES SUR UNE PLATEFORME DE TRAITEMENT A CIRCUIT INTEGRE**
[72] ROOYEN, PIETER VAN, US
[72] RUEHLE, MICHAEL, US
[72] MCMILLEN, ROBERT J., US
[72] HAHM, MARK, US
[71] EDICO GENOME, INC., US
[85] 2017-08-16
[86] 2016-02-19 (PCT/US2016/018765)
[87] (WO2016/134310)
[30] US (62/127,232) 2015-03-02
[30] US (62/119,059) 2015-02-02

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[13] A1
[51] **Int.Cl. A61K 8/898 (2006.01) A61K 8/73 (2006.01) A61Q 5/06 (2006.01)**
[25] EN
[54] **COMPOSITION FOR PROVIDING A FILM ON KERATIN FIBRES**
[54] **COMPOSITION POUR LA FOURNITURE D'UN FILM SUR DES FIBRES DE KERATINE**
[72] HERRLEIN, MATHIAS KURT, DE
[72] SCHAEFER, TATJANA, DE
[72] FLOHR, ANDREAS, DE
[72] FORGIONE, MARIANNA, DE
[72] CRNE, MATIJA, DE
[72] GIZAW, YONAS, US
[72] GLASER, URSULA CHRISTINA, DE
[71] NOXELL CORPORATION, US
[85] 2017-08-16
[86] 2016-02-12 (PCT/US2016/017716)
[87] (WO2016/133806)
[30] EP (15155380.7) 2015-02-17

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[13] A1
[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/39 (2006.01)**
[25] EN
[54] **POLYELECTROLYTE MULTILAYERS ASSEMBLED FROM IMMUNE SIGNAL COMPOUNDS**
[54] **MULTICOUCHES DE POLYELECTROLYTE ASSEMBLEES A PARTIR DE COMPOSES DE SIGNAL IMMUNITAIRE**
[72] JEWELL, CHRISTOPHER M., US
[72] TOSTANOSKI, LISA H., US
[72] CHIU, YU-CHIEH, US
[71] UNIVERSITY OF MARYLAND, COLLEGE PARK, US
[85] 2017-08-16
[86] 2016-02-16 (PCT/US2016/018002)
[87] (WO2016/133862)
[30] US (62/116,655) 2015-02-16

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[13] A1
[51] **Int.Cl. A61M 25/02 (2006.01)**
[25] EN
[54] **A DRESSING**
[54] **PANSEMENT**
[72] VAILLANCOURT, MICHAEL J., US
[72] KERR, MARSHALL, US
[71] VAILLANCOURT, MICHAEL J., US
[71] KERR, MARSHALL, US
[85] 2017-08-16
[86] 2016-02-22 (PCT/US2016/018888)
[87] (WO2016/137872)
[30] US (14/628,988) 2015-02-23

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[13] A1
[51] **Int.Cl. A61M 5/142 (2006.01) A61M 37/00 (2006.01)**
[25] EN
[54] **DRUG DELIVERY DEVICE WITH VACUUM ASSISTED SECUREMENT AND/OR FEEDBACK**
[54] **DISPOSITIF D'ADMINISTRATION DE MEDICAMENT A SECURISATION ASSISTEE PAR DEPRESSION ET/OU RETOUR D'INFORMATIONS**
[72] MCCULLOUGH, ADAM B., US
[72] RING, LAWRENCE S., US
[71] AMGEN INC., US
[85] 2017-08-16
[86] 2016-02-17 (PCT/US2016/018149)
[87] (WO2016/133947)
[30] US (62/117,420) 2015-02-17

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[13] A1
[51] **Int.Cl. H04N 7/18 (2006.01)**
[25] EN
[54] **IMAGE-BASED TRAY ALIGNMENT AND TUBE SLOT LOCALIZATION IN A VISION SYSTEM**
[54] **ALIGNEMENT D'UN PLATEAU SUR LA BASE D'IMAGES, ET LOCALISATION DES FENTES DE TUBE DANS UN SYSTEME DE VISION**
[72] CHANG, YAO-JEN, US
[72] WISSMANN, PATRICK, DE
[72] WU, WEN, US
[72] DUMONT, GUILLAUME, FR
[72] POLLACK, BENJAMIN, US
[72] CHEN, TERRENCE, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2017-08-16
[86] 2016-02-16 (PCT/US2016/018100)
[87] (WO2016/133919)
[30] US (62/117,912) 2015-02-18

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[13] A1
[51] **Int.Cl. C07D 239/47 (2006.01) C07D 239/52 (2006.01)**
[25] EN
[54] **THERAPEUTIC COMPOUNDS**
[54] **COMPOSES THERAPEUTIQUES**
[72] HECHT, SIDNEY, US
[72] KHDOUR, OMAR, US
[72] ALAM, MOHAMMAD, US
[72] DEY, SRILOY, US
[72] CHEN, YANA, US
[72] CHEVALIER, ARNAUD, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
[85] 2017-08-16
[86] 2016-02-17 (PCT/US2016/018166)
[87] (WO2016/133959)
[30] US (62/117,365) 2015-02-17

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[13] A1
[51] **Int.Cl. C12M 1/34 (2006.01)**
[25] EN
[54] **IMAGE-BASED TUBE SLOT CIRCLE DETECTION FOR A VISION SYSTEM**
[54] **DETECTION DE CERCLE DE FENTE DE TUBE A PARTIR D'IMAGES POUR UN SYSTEME DE VISION**
[72] CHANG, YAO-JEN, US
[72] WU, WEN, US
[72] DUMONT, GUILLAUME, FR
[72] POLLACK, BENJAMIN, US
[72] CHEN, TERRENCE, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC, US
[85] 2017-08-16
[86] 2016-02-16 (PCT/US2016/018109)
[87] (WO2016/133924)
[30] US (62/117,914) 2015-02-18

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[13] A1
[51] **Int.Cl. F03D 13/25 (2016.01) F03D 13/40 (2016.01) B63C 1/12 (2006.01)**
[25] EN
[54] **METHOD OF CONSTRUCTION, ASSEMBLY, AND LAUNCH OF A FLOATING WIND TURBINE PLATFORM**
[54] **PROCEDE DE CONSTRUCTION, DE MONTAGE, ET DE LANCEMENT D'UNE PLATE-FORME EOLIENNE FLOTTANTE**
[72] VISELLI, ANTHONY M., US
[72] DAGHER, HABIB J., US
[71] UNIVERSITY OF MAINE SYSTEM BOARD OF TRUSTEES, US
[85] 2017-08-16
[86] 2016-02-24 (PCT/US2016/019284)
[87] (WO2016/138088)
[30] US (62/120,081) 2015-02-24
[30] US (62/149,947) 2015-04-20

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[13] A1
[51] **Int.Cl. C07K 7/00 (2006.01) C07H 21/00 (2006.01) C07K 14/00 (2006.01) C07K 16/00 (2006.01) C07K 17/00 (2006.01) G01N 33/53 (2006.01) G01N 33/545 (2006.01)**
[25] EN
[54] **CHEMICALLY ENCODED SPATIALLY ADDRESSED LIBRARY SCREENING PLATFORMS**
[54] **PLATE-FORMES DE CRIBLAGE DE BIBLIOTHEQUES CODEES CHIMIQUEMENT ET ADRESSEES SPATIALEMENT**
[72] BERLIN, JACOB, US
[72] COPELAND, GREGORY, US
[72] ELISON, KATHLEEN, US
[72] MURADYAN, HURIK, US
[71] CITY OF HOPE, US
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[25] EN
[54] **LOCALITY-BASED DETECTION OF TRAY SLOT TYPES AND TUBE TYPES IN A VISION SYSTEM**
[54] **DETECTION BASEE SUR LA LOCALISATION DE TYPES DE FENTES DE PLATEAU ET DE TYPES DE TUBES DANS UN SYSTEME DE VISION**
[72] WU, WEN, US
[72] POLLACK, BENJAMIN, US
[72] CHANG, YAO-JEN, US
[72] DUMONT, GUILLAUME, FR
[72] CHEN, TERRENCE, US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2017-08-16
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[51] **Int.Cl. C08F 2/00 (2006.01) C08F 4/00 (2006.01) C08G 18/00 (2006.01)**
[25] EN
[54] **POLYMERIZED OILS & METHODS OF MANUFACTURING THE SAME**
[54] **HUILES POLYMERISEES ET LEUR PROCEDES DE FABRICATION**
[72] KURTH, TODD, US
[72] STEVERMER, CHRISTOPHER, US
[72] TABATABAEE, HASSAN, US
[72] NIVENS, SCOTT, US
[71] CARGILL, INCORPORATED, US
[85] 2017-08-16
[86] 2016-02-26 (PCT/US2016/019767)
[87] (WO2016/138377)
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[25] EN
[54] **EMULSIONS WITH POLYMERIZED OILS & METHODS OF MANUFACTURING THE SAME**
[54] **EMULSIONS COMPRENANT DES HUILES POLYMERISEES ET PROCEDES DE FABRICATION CORRESPONDANTS**
[72] KURTH, TODD, US
[72] STEVERMER, CHRISTOPHER, US
[72] TABATABAEE, HASSAN, US
[72] NIVENS, SCOTT, US
[71] CARGILL, INCORPORATED, US
[85] 2017-08-16
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[25] EN
[54] **REJUVENATING COMPOSITIONS FOR ASPHALT APPLICATIONS & METHODS OF MANUFACTURING THE SAME**
[54] **COMPOSITIONS DE REGENERATION POUR APPLICATIONS D'ASPHALTE ET PROCEDES DE FABRICATION DE CELLES-CI**
[72] KURTH, TODD, US
[72] STEVERMER, CHRISTOPHER, US
[72] TABATABAEE, HASSAN, US
[72] NIVENS, SCOTT, US
[71] CARGILL, INCORPORATED, US
[85] 2017-08-16
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[25] EN
[54] **POLYMERIZED OILS & METHODS OF MANUFACTURING THE SAME**
[54] **HUILES POLYMERISEES ET LEUR PROCEDES DE FABRICATION**
[72] KURTH, TODD, US
[72] STEVERMER, CHRISTOPHER, US
[72] TABATABAEE, HASSAN, US
[72] NIVENS, SCOTT, US
[71] CARGILL, INCORPORATED, US
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[25] EN
[54] **IMPROVED MANUFACTURING FOR VIRTUAL AND AUGMENTED REALITY SYSTEMS AND COMPONENTS**
[54] **FABRICATION AMELIOREE POUR SYSTEMES ET COMPOSANTS DE REALITE VIRTUELLE ET AUGMENTEE**
[72] TEKOLSTE, ROBERT D., US
[72] KLUG, MICHAEL A., US
[72] GRECO, PAUL M., US
[72] SCHOWENGERDT, BRIAN T., US
[71] MAGIC LEAP, INC., US
[85] 2017-08-16
[86] 2016-03-05 (PCT/US2016/021093)
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[30] US (62/128,925) 2015-03-05
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[25] EN
[54] **METHODS AND COMPOSITIONS RELATING TO MICROBIAL TREATMENT AND DIAGNOSIS OF SKIN DISORDERS**
[54] **METHODES ET COMPOSITIONS SE RAPPORTANT A UN TRAITEMENT MICROBIEN ET AU DIAGNOSTIC DE TROUBLES CUTANES**
[72] CUTCLIFFE, COLLEEN, US
[72] EID, JOHN S., US
[72] BULLARD, JAMES H., US
[72] SCHICKLBERGER, MARCUS F., US
[72] CHENG, ANDREW T., US
[71] WHOLE BIOME INC., US
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[25] EN
[54] **PROCESS FOR SELECTIVE RECOVERY OF CHALCOPHILE GROUP ELEMENTS**
[54] **PROCEDE POUR LA RECUPERATION SELECTIVE D'ELEMENTS DU GROUPE DES CHALCOPHILES**
[72] EKSTEEN, JACOBUS JOHANNES, AU
[72] ORABY, ELSAYED ABDELRADY, AU
[71] CURTIN UNIVERSITY, AU
[85] 2017-08-17
[86] 2016-03-11 (PCT/AU2016/050171)
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[54] **AN INSPECTION SYSTEM**
[54] **SYSTEME D'INSPECTION**
[72] WALDIE, JAMES MURRAY ANDREW, AU
[71] BAE SYSTEMS AUSTRALIA LIMITED, AU
[85] 2017-08-17
[86] 2016-01-29 (PCT/AU2016/050050)
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[54] **DEWATERING TANK**
[54] **RESERVOIR DE DESHYDRATATION**
[72] JEFFERY, PAUL WAYNE, AU
[71] CHALLENGE PUMPS PTY LTD, AU
[85] 2017-08-17
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[54] **REAGENTS AND METHODS FOR DETECTING INFECTIOUS DISEASES**
[54] **REACTIFS ET PROCEDES DE DETECTION DE MALADIES INFECTIEUSES**
[72] TABB, JOEL S., US
[72] GREEN, OMAR, US
[71] IONICA SCIENCES, US
[85] 2017-08-16
[86] 2016-02-19 (PCT/US2016/018600)
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[30] US (62/118,453) 2015-02-19
[30] US (62/263,995) 2015-12-07
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[25] EN
[54] **HYDRAULIC CONTROL DEVICE FOR DRIVE POWER DISTRIBUTION DEVICE**
[54] **DISPOSITIF DE COMMANDE HYDRAULIQUE POUR DISPOSITIF DE DISTRIBUTION DE PUISSANCE D'ENTRAINEMENT**
[72] YOSHIDA, YUMA, JP
[71] HONDA MOTOR CO.,LTD., JP
[85] 2017-08-16
[86] 2016-02-16 (PCT/JP2016/054426)
[87] (WO2016/133082)
[30] JP (2015-028618) 2015-02-17

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[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] HONDA, TOMOKAZU, JP
[72] SASAKI, HITOSHI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-08-16
[86] 2016-02-19 (PCT/JP2016/054783)
[87] (WO2016/133182)
[30] JP (2015-031114) 2015-02-19

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[51] **Int.Cl. F24F 12/00 (2006.01) F24F 3/12 (2006.01) F24F 7/08 (2006.01)**
[25] EN
[54] **ENERGY RECOVERY ASSEMBLY, ENERGY RECOVERY VENTILATION SYSTEM COMPRISING AN ENERGY RECOVERY ASSEMBLY AND METHOD OF OPERATION FOR SAME**
[54] **ENSEMBLE DE RECUPERATION D'ENERGIE, SYSTEME DE VENTILATION A RECUPERATION D'ENERGIE COMPRENANT UN ENSEMBLE DE RECUPERATION D'ENERGIE ET PROCEDE DE FONCTIONNEMENT ASSOCIE**
[72] ROBITAILLE, ROGER, CA
[71] ALT JOULE RR INC., CA
[85] 2017-08-17
[86] 2016-02-19 (PCT/CA2016/050158)
[87] (WO2016/131146)
[30] US (62/118,804) 2015-02-20

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[51] **Int.Cl. C07K 14/33 (2006.01) C07K 16/12 (2006.01) C07K 16/46 (2006.01) C12N 15/31 (2006.01) C12N 15/85 (2006.01)**
[25] EN
[54] **CLOSTRIDIUM DIFFICILE TOXINS A AND/OR B ANTIGEN AND EPITOPE ANTIBODY, AND PHARMACEUTICAL USES THEREOF**
[54] **ANTIGENE ET ANTICORPS ANTI-EPITOPE DES TOXINES A ET/OU B DE CLOSTRIDIUM DIFFICILE ET UTILISATIONS PHARMACEUTIQUES CORRESPONDANTES**
[72] GAUDREAU, SIMON, CA
[72] CLOUTIER, MARTIN, CA
[72] FORTIER, LOUIS-CHARLES, CA
[72] LEDUC, FREDERIC, CA
[72] TREMBLAY, MAXIME, CA
[72] VERONNEAU, STEEVE, CA
[72] GBRIC, DJORJDE, CA
[72] LARRIVEE, JEAN-FRANCOIS, CA
[71] IMMUNE BIOSOLUTIONS INC., CA
[85] 2017-08-17
[86] 2016-02-19 (PCT/CA2016/050170)
[87] (WO2016/131157)
[30] US (62/118,450) 2015-02-19

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[51] **Int.Cl. B25J 21/02 (2006.01) A61B 42/10 (2016.01) A61B 42/50 (2016.01) A41D 19/015 (2006.01) A61J 3/00 (2006.01) G21F 7/053 (2006.01)**
[25] EN
[54] **ISOLATOR SLEEVE SYSTEMS**
[54] **SYSTEMES DE MANCHON D'ISOLATEUR**
[72] MOUSSA, MAGDI, CA
[72] ZINI, DANIEL, CA
[71] CLEAN AIR ESSENTIALS 797 INC., CA
[85] 2017-08-17
[86] 2016-11-25 (PCT/CA2016/051387)
[87] (WO2017/091890)
[30] US (62/261,411) 2015-12-01

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[51] **Int.Cl. C07D 401/12 (2006.01) C07D 211/22 (2006.01) C07D 211/26 (2006.01) C07D 239/26 (2006.01)**
[25] EN
[54] **CHEMICAL PROCESS FOR PREPARING PYRIMIDINE DERIVATIVES AND INTERMEDIATES THEREOF**
[54] **PROCEDE CHIMIQUE DE PREPARATION DE DERIVES DE PYRIMIDINE ET DE LEURS INTERMEDIAIRES**
[72] KAPFERER, TOBIAS, CH
[72] GONG, BAOQING, CH
[72] DAVIS, MARK CLINTON, CH
[72] ZHENG, XUCHUN, CN
[72] HAR, DENIS, US
[71] NOVARTIS AG, CH
[85] 2017-08-17
[86] 2015-03-04 (PCT/CN2015/073647)
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[51] **Int.Cl. G06F 15/16 (2006.01)**
[25] EN
[54] **DYNAMICALLY COMBINABLE AND ADJUSTABLE PERSONAL WORKING SYSTEM**
[54] **SYSTEME DE FONCTIONNEMENT PERSONNEL COMBINABLE ET AJUSTABLE DE MANIERE DYNAMIQUE**
[72] SA, SHUANG, CA
[71] LI, ZHENHUA, CN
[71] SA, SHUANG, CA
[85] 2017-08-17
[86] 2015-07-22 (PCT/CN2015/084858)
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[51] **Int.Cl. H04N 17/00 (2006.01)**
[25] EN
[54] **INTERFERENCE SIGNAL RECORDING DEVICE AS WELL AS SYSTEM AND METHOD FOR LOCATING IMPAIRMENT SOURCES IN A CABLE NETWORK**
[54] **DISPOSITIF D'ENREGISTREMENT DE SIGNAL D'INTERFERENCE, ET SYSTEME ET PROCEDE POUR LOCALISATION D'UN POINT DE DEFAILLANCE D'UN RESEAU DE TELEVISION PAR CABLE**
[72] LIU, JIANQIU, CN
[71] LIU, JIANQIU, CN
[85] 2017-08-17
[86] 2016-01-28 (PCT/CN2016/072496)
[87] (WO2016/131374)
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[51] **Int.Cl. C21C 5/46 (2006.01) F27D 25/00 (2010.01) C21B 13/00 (2006.01) F27B 3/18 (2006.01)**
[25] EN
[54] **LANCE UNBLOCKING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE DEBOUCHAGE DE LANCE**
[72] HAYTON, MARK, AU
[72] DRY, RODNEY JAMES, AU
[72] PILOTE, JACQUES, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
[85] 2017-08-17
[86] 2016-02-16 (PCT/AU2016/050102)
[87] (WO2016/131097)
[30] AU (2015900516) 2015-02-17

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[51] **Int.Cl. A24F 47/00 (2006.01) A61M 11/04 (2006.01) A61M 15/06 (2006.01)**
[25] EN
[54] **APPARATUS FOR GENERATING AN INHALABLE MEDIUM**
[54] **APPAREIL DE GENERATION DE MILIEU INHALABLE**
[72] HEPWORTH, RICHARD, GB
[72] WOODCOCK, DOMINIC, GB
[72] SUTTON, JOSEPH, GB
[72] GOODALL, SHARON, GB
[71] BRITISH AMERICAN TABACCO (INVESTMENTS) LIMITED, GB
[85] 2017-08-17
[86] 2016-02-29 (PCT/EP2016/054232)
[87] (WO2016/135342)
[30] GB (1503411.9) 2015-02-27
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[51] **Int.Cl. A21D 13/06 (2017.01) A23L 33/20 (2016.01) A21D 13/20 (2017.01) A21D 13/30 (2017.01) A21D 13/80 (2017.01) A21D 2/18 (2006.01) A21D 8/00 (2006.01)**
[25] EN
[54] **BAKERY PRODUCT**
[54] **PRODUIT DE BOULANGERIE**
[72] CLEMENT, JEROME, FR
[72] COLEMAN, EDWARD, FR
[71] GENERALE BISCUIT, FR
[85] 2017-08-17
[86] 2016-03-11 (PCT/EP2016/055234)
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[25] EN
[54] **VEHICLE**
[54] **VEHICULE**
[72] HONDA TOMOKAZU, JP
[72] SASAKI HITOSHI, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-08-16
[86] 2016-02-19 (PCT/JP2016/054786)
[87] (WO2016/133184)
[30] JP (2015-031112) 2015-02-19

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[13] A1
[51] **Int.Cl. B01D 69/12 (2006.01) B01D 67/00 (2006.01) B01D 71/06 (2006.01) B01J 20/26 (2006.01) B01J 20/30 (2006.01) C08J 3/24 (2006.01) C08J 5/12 (2006.01) C08L 81/02 (2006.01)**
[25] EN
[54] **CHROMATOGRAPHY MEMBRANES FORMED BY THIOL-ENE OR THIOL-YNE CLICK POLYMERIZATION REACTIONS**
[54] **MEMBRANES DE CHROMATOGRAPHIE FORMEES PAR DES REACTIONS DE POLYMERISATION PAR CHIMIE-CLICK DE TYPE THIOL-ENE OU THIOL-YNE**
[72] SKARJA, GARY, CA
[72] RAGHEB, AMRO, CA
[71] NATRIX SEPARATIONS INC., CA
[85] 2017-08-17
[86] 2016-02-22 (PCT/IB2016/000297)
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[30] US (62/118,577) 2015-02-20

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[25] EN
[54] **POWER PRODUCING GAS SEPARATION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SEPARATION DE GAZ DE PRODUCTION D'ENERGIE**
[72] GHEZEL-AYAGH, HOSSEIN, US
[71] FUELCELL ENERGY, INC., US
[85] 2017-08-17
[86] 2016-02-22 (PCT/IB2016/050940)
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[30] US (14/631,239) 2015-02-25

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[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/02 (2006.01) C22C 38/58 (2006.01)**
[25] EN
[54] **HIGH STRENGTH, HIGH TOUGHNESS STEEL PLATE, AND METHOD FOR PRODUCING SAME**
[54] **TOLE D'ACIER A RESISTANCE ET TENACITE ELEVEES ET PROCEDE POUR LA PRODUIRE**
[72] KIMURA, HIDEYUKI, JP
[72] YASUDA, KYONO, JP
[72] ISHIKAWA, NOBUYUKI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-08-17
[86] 2016-03-25 (PCT/JP2016/001744)
[87] (WO2016/157863)
[30] JP (2015-071932) 2015-03-31

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[51] **Int.Cl. B66C 23/26 (2006.01) B66C 23/62 (2006.01) B66C 23/74 (2006.01) E21B 15/00 (2006.01)**
[25] EN
[54] **METHOD FOR ASSEMBLING A CRANE AND METHOD FOR OPERATING A CRANE**
[54] **PROCEDE D'ASSEMBLAGE D'UNE GRUE ET PROCEDE DE COMMANDE D'UNE GRUE**
[72] STOOF, PETER PAUL THOMAS CORNELIA, NL
[72] STOOF, PIETER MARIA, NL
[71] SUCOF B.V., NL
[85] 2017-08-17
[86] 2016-02-18 (PCT/NL2016/050113)
[87] (WO2016/133389)
[30] NL (1041197) 2015-02-18
[30] NL (1041484) 2015-09-23
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[51] **Int.Cl. A01K 61/00 (2017.01)**
[25] EN
[54] **INDOOR SHRIMP AQUACULTURE SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE D'ELEVAGE DE CREVETTES EN INTERIEUR**
[72] BUDD, MARVYN, CA
[72] ANDRIC, MIODRAG, CA
[72] STECHEY, DANIEL, CA
[72] ERNST, DOUGLAS, US
[71] PLANET SHRIMP INC., CA
[85] 2017-05-16
[86] 2015-11-19 (PCT/CA2015/051209)
[87] (WO2016/077928)
[30] US (62/081,924) 2014-11-19

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[13] A1
[51] **Int.Cl. F16L 15/04 (2006.01) E21B 17/08 (2006.01)**
[25] EN
[54] **THREADED PIPE JOINT**
[54] **RACCORD DE TUYAU FILETE**
[72] YOSHIKAWA, MASAKI, JP
[72] TAKAHASHI, KAZUNARI, JP
[72] KANAYAMA, TARO, JP
[72] TAKANO, JUN, JP
[72] KAWAI, TAKAMASA, JP
[72] YONEYAMA, TSUYOSHI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-08-17
[86] 2016-03-28 (PCT/JP2016/001801)
[87] (WO2016/157887)
[30] JP (2015-068045) 2015-03-30

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[13] A1
[51] **Int.Cl. H02M 1/32 (2007.01) H02H 7/12 (2006.01)**
[25] EN
[54] **ELECTROSTATIC DISCHARGE PROTECTION AND METHOD IN POWER SUPPLY**
[54] **PROTECTION CONTRE LES DECHARGES ELECTROSTATIQUES ET PROCEDE DANS UNE ALIMENTATION ELECTRIQUE**
[72] AHMAD, TAHIR, US
[71] LA-Z-BOY INCORPORATED, US
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PCT Applications Entering the National Phase

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[25] EN
[54] **AUTOMATED INTEGRATION OF VIDEO EVIDENCE WITH DATA RECORDS**
[54] **INTEGRATION AUTOMATISEE DE PREUVE VIDEO AVEC DES ENREGISTREMENTS DE DONNEES**
[72] HICKMAN, GLENN M., US
[72] BOHLANDER, MICHAEL J., US
[72] MENGHANI, MANISH, US
[72] MERSEREAU, ALEXANDER, US
[72] SMITH, PATRICK W., US
[72] OLLIGSCHLAEGER, ANDREAS M., US
[71] AXON ENTERPRISE, INC., US
[85] 2017-08-17
[86] 2015-04-15 (PCT/US2015/026046)
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[30] US (62/127,804) 2015-03-03
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[51] **Int.Cl. A01N 65/00 (2009.01) C07K 14/415 (2006.01) C12N 15/82 (2006.01)**
[25] EN
[54] **INSECTICIDAL COMBINATIONS OF PIP-72 AND METHODS OF USE**
[54] **COMBINAISONS DE PIP-72 INSECTICIDES ET PROCEDES D'UTILISATION**
[72] DIEHN, SCOTT HENRY, US
[72] HU, XU, US
[72] LU, ALBERT L., US
[72] LIU, LU, US
[72] PRESNAIL, JAMES KEVIN, US
[72] SANDAHL, GARY A., US
[72] SCHELLENBERGER, UTE, US
[72] WU, GUSUI, US
[71] E. I. DUPONT DE NEMOURS AND COMPANY, US
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-08-11
[86] 2016-03-03 (PCT/US2016/020642)
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[30] US (62/131,564) 2015-03-11
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[13] A1
[51] **Int.Cl. G01N 3/00 (2006.01)**
[25] EN
[54] **BREAK PREDICTION METHOD, BREAK PREDICTION DEVICE, PROGRAM, RECORDING MEDIUM, AND BREAK DISCERNMENT STANDARD CALCULATION METHOD**
[54] **PROCEDE DE PREVISION DE RUPTURE, DISPOSITIF DE PREVISION DE RUPTURE, PROGRAMME, SUPPORT D'ENREGISTREMENT, ET PROCEDE DE CALCUL DE CRITERE DE DISCERNEMENT DE RUPTURE**
[72] AITOH, TAKAHIRO, JP
[72] KASEDA, YOSHIYUKI, JP
[72] TSUNEMI, YUSUKE, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-08-17
[86] 2016-02-17 (PCT/JP2016/054552)
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[30] JP (2015-037121) 2015-02-26

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[13] A1
[51] **Int.Cl. A61M 39/10 (2006.01) F16L 37/133 (2006.01)**
[25] EN
[54] **LEVER LOCK MALE CONNECTOR AND MALE CONNECTOR ASSEMBLY**
[54] **RACCORD MALE A VERROUILLAGE PAR LEVIER ET ENSEMBLE RACCORD MALE**
[72] TAKEUCHI, MASAHIKO, JP
[71] JMS CO., LTD., JP
[85] 2017-08-17
[86] 2016-02-17 (PCT/JP2016/054618)
[87] (WO2016/133139)
[30] JP (2015-030007) 2015-02-18

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[51] **Int.Cl. G06F 15/16 (2006.01) H04L 12/18 (2006.01) H04M 3/42 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR VIDEO COMMUNICATION**
[54] **SYSTEME ET PROCEDE POUR LA COMMUNICATION VIDEO**
[72] VAKALAPUDI, SIVA PRASAD, CA
[71] VAKALAPUDI, SIVA PRASAD, CA
[85] 2017-08-14
[86] 2016-02-11 (PCT/IB2016/050714)
[87] (WO2016/132254)
[30] US (14/622,939) 2015-02-16

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[13] A1
[51] **Int.Cl. B01J 20/22 (2006.01) A01K 1/015 (2006.01) B01J 20/02 (2006.01)**
[25] EN
[54] **ORGANIC ACID OR WEAK ACID ADDITION TO ALUM TO INHIBIT AMMONIA VOLATILIZATION FROM POULTRY LITTER**
[54] **AJOUT D'ACIDE ORGANIQUE OU D'ACIDE FAIBLE A DE L'ALUN AFIN D'INHIBER LA VOLATILISATION AMMONIACALE PROVENANT DE LITIERE DE VOLAILLE**
[72] CARTER, RICHARD DOUGLAS, US
[71] KAMIN LLC, US
[85] 2017-08-17
[86] 2016-02-09 (PCT/US2016/017216)
[87] (WO2016/130595)
[30] US (62/114,190) 2015-02-10

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[13] A1
[51] **Int.Cl. B21D 22/00 (2006.01) G06F 17/50 (2006.01)**
[25] EN
[54] **BLANK SHAPE DETERMINING METHOD, BLANK, PRESS FORMED PRODUCT, PRESS FORMING METHOD, COMPUTER PROGRAM, AND RECORDING MEDIUM**
[54] **PROCEDE DE DETERMINATION DE FORME D'EBAUCHE, EBAUCHE, PRODUIT MOULE PAR PRESSAGE, PROCEDE DE MOULAGE PAR PRESSAGE, PROGRAMME D'ORDINATEUR ET SUPPORT D'ENREGISTREMENT**
[72] YONEMURA, SHIGERU, JP
[72] YOSHIDA, TOHRU, JP
[72] NITTA, JUN, JP
[72] NIWA, TOSHIYUKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-08-17
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[51] **Int.Cl. C07D 471/04 (2006.01) C07D 473/04 (2006.01)**
[25] EN
[54] **SMALL MOLECULES FOR THE TREATMENT OF PRIMARY CANCER AND CANCER METASTASIS**
[54] **PETITES MOLECULES POUR LE TRAITEMENT D'UN CANCER PRIMAIRE ET D'UNE METASTASE CANCEREUSE**
[72] JIANG, JEAN X., US
[71] JIANG, JEAN X., US
[85] 2017-08-17
[86] 2016-01-15 (PCT/US2016/013645)
[87] (WO2016/115487)
[30] US (62/104,705) 2015-01-17

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[51] **Int.Cl. H02G 5/00 (2006.01) H01R 12/52 (2011.01) H05K 1/02 (2006.01)**
[25] EN
[54] **MULTILAYER BUS BOARD**
[54] **CARTE DE BUS MULTICOUCHE**
[72] SCHNEIDER, RICHARD, US
[72] LYNCH, JOSEPH J., US
[71] INTERPLEX INDUSTRIES, INC., US
[85] 2017-08-17
[86] 2016-02-16 (PCT/US2016/018000)
[87] (WO2016/133861)
[30] US (62/117,705) 2015-02-18
[30] US (62/153,710) 2015-04-28

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[13] A1
[51] **Int.Cl. H04L 12/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CALL TERMINATION BASED ON AN OVER-THE-TOP (OTT) CALL SERVICE OF A CALLING PARTY**
[54] **SYSTEME ET PROCEDE DE TERMINAISON D'APPEL SUR LA BASE D'UN SERVICE D'APPEL HORS OFFRE (OTT) D'UN CORRESPONDANT APPELANT**
[72] PANDE, AVANISH, US
[71] TATA COMMUNICATIONS (AMERICA) INC., US
[85] 2017-08-17
[86] 2016-02-18 (PCT/US2016/018399)
[87] (WO2016/134106)
[30] US (62/118,954) 2015-02-20
[30] US (62/126,138) 2015-02-27

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[13] A1
[51] **Int.Cl. E04B 1/78 (2006.01) E04D 3/36 (2006.01) E04D 13/16 (2006.01)**
[25] EN
[54] **SYSTEM FOR ENHANCING THE THERMAL RESISTANCE OF ROOFS AND WALLS OF BUILDINGS**
[54] **SYSTEME PERMETTANT D'AMELIORER LA RESISTANCE THERMIQUE DE TOITS ET DE MURS DE BATIMENTS**
[72] HOSTETLER, WILLIAM, US
[72] JOHNSON, TORI, US
[72] ROBINSON, CLIFF, US
[72] GRABMEIER, RICHARD, US
[71] BLUESCOPE BUILDINGS NORTH AMERICA, INC., US
[85] 2017-08-17
[86] 2016-02-17 (PCT/US2016/018259)
[87] (WO2016/134012)
[30] US (62/117,214) 2015-02-17
[30] US (14/935,989) 2015-11-09

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[51] **Int.Cl. G06T 19/00 (2011.01) H04N 13/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR GENERATING AND USING REDUCED RESOLUTION IMAGES AND/OR COMMUNICATING SUCH IMAGES TO A PLAYBACK OR CONTENT DISTRIBUTION DEVICE**
[54] **PROCEDES ET APPAREIL POUR GENERER ET UTILISER DES IMAGES A RESOLUTION REDUITE ET/OU COMMUNIQUER DE TELLES IMAGES A UN DISPOSITIF DE LECTURE OU DE DISTRIBUTION DE CONTENU**
[72] COLE, DAVID, US
[72] MOSS, ALAN MCKAY, US
[72] MEDINA, HECTOR M., US
[71] NEXTVR INC., US
[85] 2017-08-17
[86] 2016-02-17 (PCT/US2016/018315)
[87] (WO2016/134048)
[30] US (62/117,427) 2015-02-17
[30] US (62/262,374) 2015-12-02
[30] US (62/296,065) 2016-02-16

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[13] A1
[51] **Int.Cl. H04L 12/66 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR CALL TERMINATION BASED ON ONE OR MORE OVER-THE-TOP(OTT) CALL SERVICES**
[54] **SYSTEME ET PROCEDE DE TERMINAISON D'APPEL SE BASANT SUR UN OU PLUSIEURS SERVICES D'APPEL HORS OFFRE DE FAI**
[72] PANDE, AVANISH, US
[71] TATA COMMUNICATIONS (AMERICA) INC., US
[85] 2017-08-17
[86] 2016-02-18 (PCT/US2016/018397)
[87] (WO2016/134105)
[30] US (62/118,954) 2015-02-20
[30] US (62/126,138) 2015-02-27

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[13] A1
[51] **Int.Cl. A61M 5/172 (2006.01)**
[25] EN
[54] **FLUID DELIVERY AND INFUSION DEVICES, AND METHODS OF USE THEREOF**
[54] **DISPOSITIFS DE PERFUSION ET DE DISTRIBUTION DE FLUIDE, ET LEURS PROCEDES D'UTILISATION**
[72] SCHMID, KEVIN G., US
[71] INSULET CORPORATION, US
[85] 2017-08-17
[86] 2016-02-18 (PCT/US2016/018452)
[87] (WO2016/134137)
[30] US (62/117,937) 2015-02-18

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[13] A1
[51] **Int.Cl. A61K 36/48 (2006.01) A61P 5/26 (2006.01) A61P 15/10 (2006.01)**
[25] EN
[54] **USE OF FENUGREEK EXTRACT TO ENHANCE PSYCHOLOGICAL, SOMATIC, AND SEXUAL CONDITIONS IN AGING MALES**
[54] **UTILISATION D'EXTRAIT DE FENUGREC POUR AMELIORER LES CONDITIONS PSYCHOLOGIQUES SOMATIQUES ET SEXUELLES CHEZ LES HOMMES VIEILLISSANTS**
[72] BHASKARAN, SUNIL, IN
[72] VENKATESH, RAMASAMY VARADARAJAN, CN
[72] VEERAVALLI, JITH, US
[71] GE NUTRIENTS, INC., US
[85] 2017-08-17
[86] 2016-02-18 (PCT/US2016/018521)
[87] (WO2016/134174)
[30] US (62/118,314) 2015-02-19

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[13] A1
[51] **Int.Cl. A61M 5/31 (2006.01) A61M 5/178 (2006.01) A61M 5/315 (2006.01) B65D 83/76 (2006.01)**
[25] EN
[54] **SYRINGE SYSTEMS, PISTON SEAL SYSTEMS, STOPPER SYSTEMS, AND METHODS OF USE AND ASSEMBLY**
[54] **SYSTEMES DE SERINGUE, SYSTEMES DE JOINT D'ETANCHEITE DE PISTON, SYSTEMES DE BUTEE ET PROCEDES D'UTILISATION ET D'ASSEMBLAGE**
[72] CUPICHA, MICHAEL, US
[72] GORALTCHOUK, ALEXEI, US
[72] HART, IAN, US
[72] STELMAH, MIKE, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2017-08-17
[86] 2016-02-19 (PCT/US2016/018609)
[87] (WO2016/134221)
[30] US (62/118,924) 2015-02-20

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[13] A1
[51] **Int.Cl. A61K 38/11 (2006.01) A61K 31/337 (2006.01) A61K 38/08 (2006.01) A61P 35/00 (2006.01) A61P 35/04 (2006.01) C07D 305/14 (2006.01) C07K 7/16 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING CANCER**
[54] **PROCEDE DE TRAITEMENT DU CANCER**
[72] KLOTZ, LAURENCE H., CA
[72] VENKATESWARAN, VASUNDARA, CA
[71] SUNNYBROOK RESEARCH INSTITUTE, CA
[85] 2017-08-16
[86] 2016-03-29 (PCT/CA2016/050362)
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[30] US (62/139,976) 2015-03-30

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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) C07C 279/12 (2006.01) C07K 16/00 (2006.01) G01N 33/58 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **HOMOGENOUS IMMUNOASSAY WITH COMPENSATION FOR BACKGROUND SIGNAL**
[54] **DOSAGE IMMUNOLOGIQUE HOMOGENE A COMPENSATION DE SIGNAL D'ARRIERE-PLAN**
[72] YERRAMILLI, MURTHY V. S. N., US
[72] XIE, HONGZHI, US
[72] PATCH, DANIEL WAYNE, US
[72] FARACE, GIOSI, US
[71] IDEXX LABORATORIES, INC., US
[85] 2017-08-17
[86] 2016-02-19 (PCT/US2016/018667)
[87] (WO2016/134251)
[30] US (62/118,832) 2015-02-20

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[13] A1
[51] **Int.Cl. F01D 11/00 (2006.01) C04B 35/80 (2006.01) F01D 25/00 (2006.01) F02C 7/28 (2006.01)**
[25] EN
[54] **SHIELD MEMBER AND JET ENGINE USING THE SAME**
[54] **ELEMENT DE BLINDAGE ET MOTEUR A REACTION L'UTILISANT**
[72] WATANABE, FUMIAKI, JP
[72] OHBO, AKANE, JP
[72] YAGI, HIROYUKI, JP
[72] OGAWA, TOMOTAKE, JP
[72] TAKEMOTO, TSUYOSHI, JP
[71] IHI CORPORATION, JP
[85] 2017-08-16
[86] 2015-08-21 (PCT/JP2015/073455)
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[30] JP (2015-078430) 2015-04-07

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[13] A1
[51] **Int.Cl. F04B 53/00 (2006.01) F04B 39/10 (2006.01) F04B 53/10 (2006.01) F04B 53/16 (2006.01)**
[25] EN
[54] **DEVICE INTERLOCKING WITH A COMPARTMENT**
[54] **EMBOITEMENT D'UN DISPOSITIF AVEC UN COMPARTIMENT**
[72] TODOROV, GEORGI DIMITROV, BG
[72] KAMBEROV, KONSTANTIN HRISTOV, BG
[72] EVANS, JAMES, US
[72] DEGGINGER, CHRIS, US
[71] GARDNER DENVER PETROLEUM PUMPS, LLC, US
[85] 2017-08-17
[86] 2016-02-19 (PCT/US2016/018721)
[87] (WO2016/134287)
[30] US (62/118,366) 2015-02-19

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[13] A1
[51] **Int.Cl. A61K 39/118 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR ATTENUATED CHLAMYDIA AS VACCINE AND VECTOR**
[54] **METHODES ET COMPOSITIONS PERMETTANT D'UTILISER LA CHLAMYDIA ATTENUEE EN TANT QUE VACCIN ET VECTEUR**
[72] ZHONG, GUANGMING, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-08-17
[86] 2016-02-19 (PCT/US2016/018746)
[87] (WO2016/134300)
[30] US (62/118,961) 2015-02-20

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[13] A1
[51] **Int.Cl. A61B 17/00 (2006.01)**
[25] EN
[54] **SUTURE DELIVERY DEVICE**
[54] **DISPOSITIF DE PLACEMENT DE SUTURE**
[72] GARRISON, MICHI E., US
[72] VOSS, LAVEILLE K., US
[71] SILK ROAD MEDICAL, INC., US
[85] 2017-08-17
[86] 2016-02-22 (PCT/US2016/018898)
[87] (WO2016/137875)
[30] US (62/120,022) 2015-02-24

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[13] A1
[51] **Int.Cl. A61K 31/616 (2006.01)**
[25] EN
[54] **DRY POWDER FORMULATIONS FOR INHALATION**
[54] **PREPARATIONS DE POUDRE SECHE A INHALER**
[72] YADIDI, KAMBIZ, US
[71] OTITOPIC INC., US
[85] 2017-08-17
[86] 2015-02-20 (PCT/US2015/016969)
[87] (WO2015/127315)
[30] US (61/942,545) 2014-02-20
[30] US (62/031,811) 2014-07-31

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[13] A1
[51] **Int.Cl. C01B 21/06 (2006.01)**
[25] EN
[54] **HIGHLY MESOPOROUS ACTIVATED CARBON**
[54] **CHARBON ACTIF EXTREMEMENT MESOPOREUX**
[72] DESPEN, DANIEL J., US
[72] MENNELL, JAMES A., US
[72] REAMER, DAVID, US
[71] BIOGENIC REAGENTS VENTURES, LLC, US
[85] 2017-08-16
[86] 2015-02-24 (PCT/US2015/017351)
[87] (WO2015/127460)
[30] US (61/943,565) 2014-02-24

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[13] A1
[51] **Int.Cl. H01L 31/0224 (2006.01) H01B 1/22 (2006.01)**
[25] EN
[54] **CONDUCTIVE PASTE FOR FORMING SOLAR CELL ELECTRODE**
[54] **PATE ELECTROCONDUCTRICE POUR LA FORMATION D'UNE ELECTRODE DE CELLULE SOLAIRE**
[72] KANASAKU, TADASHI, JP
[72] NISHIMURA, KOUSUKE, JP
[72] KURAHASHI, MASAYUKI, JP
[71] SHOEI CHEMICAL INC., JP
[85] 2017-08-17
[86] 2016-03-02 (PCT/JP2016/056396)
[87] (WO2016/147867)
[30] JP (2015-051367) 2015-03-13

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[13] A1
[51] **Int.Cl. B65D 1/34 (2006.01) B65D 25/04 (2006.01) B65D 25/10 (2006.01) B65D 43/16 (2006.01) B65D 43/22 (2006.01)**
[25] EN
[54] **PACKAGING CONTAINER WITH CLOSURE AND RELEASE MECHANISM**
[54] **RECIPIENT D'EMBALLAGE EQUIPE DE MECANISME DE FERMETURE ET DE LIBERATION**
[72] BAKER, JAY, US
[71] BAKER, JAY, US
[85] 2017-08-16
[86] 2016-04-22 (PCT/US2016/028982)
[87] (WO2016/172581)
[30] US (14/693,270) 2015-04-22

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[13] A1
[51] **Int.Cl. A63B 5/00 (2006.01) A63G 31/08 (2006.01)**
[25] EN
[54] **OBJECT MOVEMENT CONTROL APPARATUS AND METHOD**
[54] **APPAREIL ET PROCEDE DE COMMANDE DE MOUVEMENT D'OBJET**
[72] WRIGHT, KEVIN ANDREW, NZ
[72] MITCHELL, DAVID, NZ
[72] PORTER, TIM, NZ
[72] VAN ASCH, HENRY, NZ
[72] WILSON, GEOFF, NZ
[71] BUNGY NEW ZEALAND LIMITED, NZ
[85] 2017-08-17
[86] 2016-02-19 (PCT/NZ2016/050023)
[87] (WO2016/133408)
[30] NZ (705198) 2015-02-20

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[13] A1
[51] **Int.Cl. A61M 5/168 (2006.01) A61M 5/172 (2006.01)**
[25] EN
[54] **PRECISION VARIABLE FLOW RATE INFUSION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PERFUSION DE PRECISION A DEBIT VARIABLE**
[72] SEALFON, ANDREW, US
[72] GHESHMI, SIAVASH, US
[71] REPRO-MED SYSTEMS, INC., US
[85] 2017-08-17
[86] 2016-02-25 (PCT/US2016/019600)
[87] (WO2016/140864)
[30] US (62/128,501) 2015-03-04
[30] US (15/052,727) 2016-02-24

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[13] A1
[51] **Int.Cl. A61L 2/26 (2006.01)**
[25] EN
[54] **APPARATUS FOR CLEANING MEDICAL INSTRUMENTS**
[54] **APPAREIL DE NETTOYAGE D'INSTRUMENTS MEDICAUX**
[72] ROBERT, MAXIME, CA
[72] MARTINEAU, LOUIS, CA
[71] STERIS INC., US
[85] 2017-08-17
[86] 2016-02-19 (PCT/US2016/018633)
[87] (WO2016/134233)
[30] US (62/118,601) 2015-02-20
[30] US (62/278,086) 2016-01-13
[30] US (15/040,298) 2016-02-10

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[13] A1
[51] **Int.Cl. A61K 35/15 (2015.01) A61K 39/39 (2006.01) A61K 48/00 (2006.01) A61P 35/00 (2006.01) C07K 14/705 (2006.01)**
[25] EN
[54] **CHIMERIC ANTIGEN RECEPTORS (CARS) TARGETING HEMATOLOGIC MALIGNANCIES, COMPOSITIONS AND METHODS OF USE THEREOF**
[54] **RECEPTEURS D'ANTIGENE CHIMERIQUES (CAR) CIBLANT DES TUMEURS MALIGNES HEMATOLOGIQUES, COMPOSITIONS ET PROCEDES POUR LES UTILISER**
[72] MA, YUPO, US
[72] PINZ, KEVIN, US
[72] JIANG, XUN, US
[72] WADA, MASAYUKI, US
[71] ICELL GENE THERAPEUTICS LLC, US
[71] MA, YUPO, US
[71] PINZ, KEVIN, US
[71] JIANG, XUN, US
[71] WADA, MASAYUKI, US
[85] 2017-08-17
[86] 2016-02-26 (PCT/US2016/019953)
[87] (WO2016/138491)
[30] US (62/121,842) 2015-02-27

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[13] A1
[51] **Int.Cl. A61G 5/10 (2006.01) A61G 5/02 (2006.01) B62B 5/04 (2006.01)**
[25] EN
[54] **BRAKE SYSTEM FOR WHEELCHAIR**
[54] **SYSTEME DE FREINAGE POUR FAUTEUIL ROULANT**
[72] ARCHAMBAULT, MICHAEL, CA
[72] COUTURE, PIERRE-ANDRE, CA
[72] GINGRAS, DAVID, CA
[71] MOTION COMPOSITES INC., CA
[85] 2017-08-16
[86] 2016-03-07 (PCT/CA2016/050243)
[87] (WO2016/141471)
[30] US (62/129,258) 2015-03-06

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[25] EN
[54] **DEUTERATED CHENODEOXYCHOLIC ACID DERIVATIVE AND PHARMACEUTICAL COMPOSITION COMPRISING COMPOUND THEREOF**
[54] **DERIVE D'ACIDE CHENODESOXYCHOLIQUE DEUTERE ET COMPOSITION PHARMACEUTIQUE COMPRENANT UN COMPOSE A BASE DE CELUI-CI**
[72] LV, BINHUA, CN
[72] SHENG, ZELIN, CN
[72] LI, CHENGWEI, CN
[71] SUZHOU ZELGEN BIOPHARMACEUTICALS CO., LTD., CN
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[25] EN
[54] **HYDRAULIC CONTROL DEVICE FOR DRIVE POWER DISTRIBUTION DEVICE**
[54] **DISPOSITIF DE COMMANDE HYDRAULIQUE POUR DISPOSITIF DE DISTRIBUTION D'ENERGIE D'ENTRAINEMENT**
[72] YOSHIDA, YUMA, JP
[71] HONDA MOTOR CO., LTD., JP
[85] 2017-08-16
[86] 2016-02-16 (PCT/JP2016/054430)
[87] (WO2016/133083)
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[25] EN
[54] **METHODS AND APPARATUS FOR MAKING ENVIRONMENTAL MEASUREMENTS AND/OR USING SUCH MEASUREMENTS IN 3D IMAGE RENDERING**
[54] **PROCEDES ET APPAREIL DE REALISATION DE MESURES ENVIRONNEMENTALES ET/OU D'UTILISATION DE CES MESURES DANS UN RENDU D'IMAGE 3D**
[72] COLE, DAVID, US
[72] MOSS, ALAN MCKAY, US
[71] NEXTVR INC., US
[85] 2017-08-17
[86] 2016-03-01 (PCT/US2016/020159)
[87] (WO2016/140934)
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[51] **Int.Cl. H02G 1/08 (2006.01) G01N 21/954 (2006.01) G02B 23/24 (2006.01) G21C 17/01 (2006.01)**
[25] EN
[54] **AN INSPECTION APPARATUS**
[54] **APPAREIL D'INSPECTION**
[72] WALDIE, JAMES MURRAY ANDREW, AU
[71] BAE SYSTEMS AUSTRALIA LIMITED, AU
[85] 2017-08-18
[86] 2016-01-29 (PCT/AU2016/050049)
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[30] AU (2015900629) 2015-02-23

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[25] EN
[54] **VERTICAL ELECTRIC COOKER AND SMOKER AND SMOKE BOX**
[54] **CUISEUR ELECTRIQUE VERTICAL, FUMOIR ET BOITE A FUMEE**
[72] DIXON, WILLIAM A., US
[72] ABDALLAH, SLEIMAN ASSAAD, US
[72] MCQUAGG, MARK STEPHEN, US
[71] W.C. BRADLEY CO., US
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[25] EN
[54] **MIXED ALLERGEN COMPOSITIONS AND METHODS FOR USING THE SAME**
[54] **COMPOSITIONS D'ALLERGENES MELANGES ET LEURS PROCEDES D'UTILISATION**
[72] NADEAU, KARI C., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY, US
[85] 2017-08-17
[86] 2016-02-19 (PCT/US2016/018731)
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[25] EN
[54] **IGNITION SUPPRESSION CIRCUITING TECHNOLOGY**
[54] **TECHNOLOGIE DE COURT-CIRCUIT D'EXTINCTION D'INCENDIE**
[72] ROYSTON, CLIFTON, US
[71] ROYSTON, CLIFTON, US
[85] 2017-08-17
[86] 2016-02-22 (PCT/US2016/018978)
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[51] **Int.Cl. H04L 12/24 (2006.01) H04L 12/801 (2013.01)**
[25] EN
[54] **MANAGING TRAFFIC CONTROL IN A NETWORK MITIGATING DDOS**
[54] **GESTION DU CONTROLE DU TRAFIC DANS UN RESEAU ATTENUANT UNE ATTAQUE PAR DDOS**
[72] SMITH, ROBERT, US
[72] MARCK, SHAWN, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-08-17
[86] 2016-02-23 (PCT/US2016/019094)
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[30] US (62/119,751) 2015-02-23
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[51] **Int.Cl. B62D 25/02 (2006.01) B62D 25/20 (2006.01) B62D 29/04 (2006.01)**
[25] EN
[54] **COMPOSITE REFRIGERATED TRUCK BODY AND METHOD OF MAKING THE SAME**
[54] **CORPS COMPOSITE DE CAMION REFRIGERE ET SON PROCEDE DE FABRICATION**
[72] BAUER, JEFFRIE SCOTT, US
[72] STORZ, SCOTT A., US
[72] WYLEZINSKI, ANDRZEJ, US
[72] THOMA, MICHAEL L., US
[71] WABASH NATIONAL, L.P., US
[85] 2017-08-17
[86] 2016-02-23 (PCT/US2016/019100)
[87] (WO2016/137974)
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[25] EN
[54] **ANALYZING WIRELESS NETWORK PERFORMANCE**
[54] **ANALYSE DE PERFORMANCES DE RESEAU SANS FIL**
[72] KRAVETS, OLEKSIY, CA
[72] MANKU, TAJINDER, CA
[71] COGNITIVE SYSTEMS CORP., CA
[85] 2017-08-18
[86] 2015-05-29 (PCT/CA2015/000349)
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[51] **Int.Cl. A61K 31/4184 (2006.01) A61K 31/19 (2006.01)**
[25] EN
[54] **5HT AGONISTS FOR TREATING DISORDERS**
[54] **AGONISTES DE RECEPTEUR 5HT POUR LE TRAITEMENT DE TROUBLES**
[72] BARABAN, SCOTT C., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2017-08-17
[86] 2016-02-24 (PCT/US2016/019368)
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[30] US (62/120,726) 2015-02-25

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[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/42 (2006.01) A61P 31/12 (2006.01) C07K 16/10 (2006.01) C07K 16/46 (2006.01) C12N 5/10 (2006.01) C12N 15/63 (2006.01) C12P 21/08 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **HUMANIZED FILOVIRUS ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS HUMANISES ANTI-FILOVIRUS ET LEURS UTILISATIONS**
[72] JOHNSTONE, DARRELL, CA
[71] EMERGENT BIOSOLUTIONS CANADA INC., CA
[85] 2017-08-18
[86] 2016-02-19 (PCT/CA2016/000040)
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[30] US (62/118,432) 2015-02-19

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[51] **Int.Cl. F28F 3/08 (2006.01) B60K 11/00 (2006.01) F28D 1/03 (2006.01) F28F 9/02 (2006.01)**
[25] EN
[54] **FLEXIBLE CONSTRUCTION OF HEAT EXCHANGERS FOR HEATING AND/OR COOLING LIQUIDS**
[54] **ECHANGEUR DE CHALEUR A PLAQUES EMPILEES A COLLECTEURS SUPERIEUR ET INFERIEUR**
[72] TONELLATO, SILVIO, CA
[72] BARDELEBEN, MICHAEL, CA
[72] BHATIA, SACHIN, CA
[71] DANA CANADA CORPORATION, CA
[85] 2017-08-18
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[25] EN
[54] **ANTIVIRAL COMPOUNDS**
[54] **COMPOSES ANTIVIRAUX**
[72] WANG, GUANGYI, US
[72] BEIGELMAN, LEONID, US
[72] TRUONG, ANH, US
[72] STEIN, KARIN ANN, US
[71] ALIOS BIOPHARMA, INC., US
[85] 2017-08-17
[86] 2016-02-24 (PCT/US2016/019393)
[87] (WO2016/138158)
[30] US (62/120,671) 2015-02-25
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[51] **Int.Cl. A61C 3/00 (2006.01) A47G 1/14 (2006.01) A61C 3/03 (2006.01) A61C 19/04 (2006.01)**
[25] EN
[54] **METHOD OF DETERMINING WEAR ON A DENTAL SCALER TOOL AND TOOL HOLDER THEREFOR**
[54] **PROCEDE DE DETERMINATION DE L'USURE SUR UN OUTIL DE DETARTRAGE DENTAIRE ET SUPPORT D'OUTIL ASSOCIE**
[72] VANBIERVLIET, JORIS, BE
[72] HEYNINCK, JAN, BE
[72] GUARAGNO, KENNETH R., US
[71] DENTSPLY INTERNATIONAL INC., US
[85] 2017-08-17
[86] 2016-02-25 (PCT/US2016/019449)
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[30] US (62/120,488) 2015-02-25

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[51] **Int.Cl. F16L 21/06 (2006.01) F16L 21/08 (2006.01) F16L 37/08 (2006.01) F16L 37/50 (2006.01) F16L 37/58 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR COUPLING**
[54] **APPAREIL ET PROCEDE D'ACCOUPLEMENT**
[72] BARR, CHRIS MICHAEL, AU
[72] CARRIAGE, SAMUEL HENRY, AU
[71] CRISM PTY LTD, AU
[85] 2017-08-18
[86] 2016-03-19 (PCT/AU2016/050197)
[87] (WO2016/149745)
[30] AU (2015901042) 2015-03-23

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[51] **Int.Cl. E21B 19/14 (2006.01) E21B 19/15 (2006.01)**
[25] EN
[54] **TRANSITIONING PIPE HANDLER**
[54] **DISPOSITIF DE MANUTENTION POUR LE TRANSFERT DE TUBES**
[72] HUVENAARS, DAN, CA
[72] IRVING, COLIN, CA
[72] MCCORRISTON, TODD, CA
[72] MCDOUGALL, PATRICK, CA
[72] POLLARD, RONALD GEORGE WILLIAM, CA
[71] DRILLFORM TECHNICAL SERVICES LTD., CA
[85] 2017-08-18
[86] 2016-02-22 (PCT/CA2016/050174)
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[30] US (62/119,839) 2015-02-24

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[51] **Int.Cl. A01D 34/16 (2006.01) A01D 34/18 (2006.01) A01D 34/40 (2006.01) A01D 57/03 (2006.01)**
[25] EN
[54] **CUTTING SYSTEM REDUCING CUTTING LOSSES AND HAVING A FLOATING DISK**
[54] **SYSTEME DE COUPE ANTI-PERTE AVEC DISQUE FLOTTANT**
[72] FAVORETTO, ONIVALDO, BR
[71] FAVORETTO, ONIVALDO, BR
[85] 2017-08-18
[86] 2016-02-16 (PCT/BR2016/050030)
[87] (WO2016/131116)
[30] BR (BR1020150034431) 2015-02-18

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[51] **Int.Cl. F04B 9/04 (2006.01) F04B 35/01 (2006.01)**
[25] EN
[54] **DRIVE MECHANISM MODULE FOR A RECIPROCATING PUMP**
[54] **MODULE DE MECANISME D'ENTRAINEMENT POUR UNE POMPE A MOUVEMENT DE VA-ET-VIENT**
[72] NAGEL, CAREY PHILIP, CA
[72] GUEST, FLOYD JAMES, CA
[72] POIRIER, PIERRE-ALEXANDRE, CA
[72] SALIH, NABEEL, CA
[71] A.H.M.S., INC., CA
[85] 2017-08-18
[86] 2016-02-23 (PCT/CA2016/050178)
[87] (WO2016/134464)
[30] US (62/120,658) 2015-02-25

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[51] **Int.Cl. C07D 495/04 (2006.01) C07D 495/14 (2006.01)**
[25] EN
[54] **THIENOTHIOPHENES AND DITHIENOTHIOPHENES, INCORPORATING TRIPHENYLAMINE, TETRAPHENYLETHYLENE AND THEIR VARYING COMPOSITIONS FOR ORGANIC LIGHT EMITTING DIODES**
[54] **THIENOTHIOPHENE/DITHIENOTHIOPHENE - DERIVES DE TRIPHENYLAMINE/TETRAPHENYLETHYLENE POUR DIODES ELECTROLUMINESCENTES ORGANIQUES**
[72] OZTURK, TURAN, TR
[72] BUYRUK, ALI, TR
[72] TEKIN, EMINE, TR
[72] PIRAVIDILI MUCUR, SELIN, TR
[72] GOREN, AHMET CEYLAN, TR
[71] TUBITAK, TR
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[25] EN
[54] **A SURGICAL CAMERA SYSTEM WITH AUTOMATIC ALTERNATION BETWEEN TWO DEPTHS OF FIELD**
[54] **SYSTEME DE CAMERA CHIRURGICALE AVEC ALTERNANCE AUTOMATIQUE ENTRE DEUX PROFONDEURS DE CHAMP**
[72] BAI, YANHUI, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] MAK, SIU WAI JACKY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[51] **Int.Cl. B62D 55/08 (2006.01)**
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[54] **TRACK SYSTEM FOR TRACTION OF A VEHICLE**
[54] **SYSTEME A CHENILLE POUR LA TRACTION D'UN VEHICULE**
[72] LUSSIER, ALAIN, CA
[72] GINGRAS, DAVID, CA
[71] CAMSO INC., CA
[85] 2017-08-18
[86] 2016-02-18 (PCT/CA2016/050148)
[87] (WO2016/131140)
[30] US (62/117,776) 2015-02-18
[30] US (62/188,564) 2015-07-03

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[13] A1
[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] EN
[54] **A METHOD ENABLING MESSAGE DELIVERY, A SYSTEM AND A COMPUTER PROGRAM PRODUCT**
[54] **PROCEDE PERMETTANT LA DISTRIBUTION DE MESSAGES, SYSTEME ET PRODUIT DE TYPE PROGRAMME INFORMATIQUE**
[72] POSTEL, IWAN, TR
[71] POSTEL, IWAN, TR
[85] 2017-08-18
[86] 2016-02-17 (PCT/IB2016/050851)
[87] (WO2016/132304)
[30] NL (N2014330) 2015-02-20

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[13] A1
[51] **Int.Cl. C10L 3/10 (2006.01) B01D 53/22 (2006.01) F25J 1/00 (2006.01) F25J 3/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SEPARATING CARBON DIOXIDE FROM NATURAL GAS**
[54] **SYSTEME ET PROCEDE D'ELIMINATION DE DIOXYDE DE CARBONE A PARTIR D'UN GAZ NATUREL**
[72] TANAKA, YUKIO, JP
[72] AKIYAMA, TOMOH, JP
[72] YOSHIYAMA, RYUJI, JP
[72] EDA, MASAYUKI, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-08-18
[86] 2015-11-16 (PCT/JP2015/082071)
[87] (WO2016/136046)
[30] JP (2015-036710) 2015-02-26

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[51] **Int.Cl. H04W 52/02 (2009.01) H04W 84/12 (2009.01) H04W 92/18 (2009.01)**
[25] EN
[54] **INFORMATION PROCESSING DEVICE AND INFORMATION PROCESSING METHOD**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'INFORMATIONS**
[72] SAKAI, EISUKE, JP
[72] TANAKA, YUSUKE, JP
[72] MORIOKA, YUICHI, JP
[71] SONY CORPORATION, JP
[85] 2017-08-18
[86] 2015-12-25 (PCT/JP2015/086251)
[87] (WO2016/143233)
[30] JP (2015-045326) 2015-03-06

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[13] A1
[51] **Int.Cl. G01S 7/526 (2006.01) G01S 7/292 (2006.01) G01S 7/487 (2006.01)**
[25] EN
[54] **SIGNAL-PROCESSING DEVICE, PROCESSING METHOD, RECORDING MEDIUM, TARGET DETECTION DEVICE, AND DETECTION METHOD**
[54] **DISPOSITIF DE TRAITEMENT DE SIGNAL ET PROCEDE DE TRAITEMENT, MILIEU D'ENREGISTREMENT ET DISPOSITIF ET PROCEDE DE DETECTION DE CIBLE**
[72] SHIBA, HISASHI, JP
[71] NEC CORPORATION, JP
[85] 2017-08-18
[86] 2016-02-18 (PCT/JP2016/000878)
[87] (WO2016/132742)
[30] JP (2015-029224) 2015-02-18

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[13] A1
[51] **Int.Cl. H04N 21/242 (2011.01) H04H 20/18 (2009.01) H04N 21/435 (2011.01)**
[25] EN
[54] **TRANSMISSION DEVICE, TRANSMISSION METHOD, RECEPTION DEVICE, AND RECEPTION METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION, ET PROCEDE DE RECEPTION**
[72] MICHAEL, LACHLAN BRUCE, JP
[72] TAKAHASHI, KAZUYUKI, JP
[72] OKADA, SATOSHI, JP
[71] SONY CORPORATION, JP
[85] 2017-08-18
[86] 2016-02-22 (PCT/JP2016/055041)
[87] (WO2016/140089)
[30] JP (2015-042247) 2015-03-04

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[13] A1
[51] **Int.Cl. B21D 24/00 (2006.01) B21D 22/20 (2006.01) B21D 22/26 (2006.01)**
[25] EN
[54] **PRESS FORMING METHOD AND PRESS FORMING APPARATUS**
[54] **PROCEDE DE FORMAGE A LA PRESSE ET DISPOSITIF DE FORMAGE A LA PRESSE**
[72] SUZUKI, TOSHIYA, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] NAKATA, MASAHIRO, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-08-18
[86] 2016-03-02 (PCT/JP2016/056498)
[87] (WO2016/140287)
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[51] **Int.Cl. H04N 19/70 (2014.01) H04N 21/235 (2011.01) H04N 5/202 (2006.01) H04N 5/225 (2006.01)**
[25] EN
[54] **TRANSMITTING DEVICE, TRANSMITTING METHOD, RECEIVING DEVICE, AND RECEIVING METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION, ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[71] SONY CORPORATION, JP
[85] 2017-08-18
[86] 2016-03-03 (PCT/JP2016/056525)
[87] (WO2016/140293)
[30] JP (2015-044108) 2015-03-05

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[13] A1
[51] **Int.Cl. B21D 19/08 (2006.01)**
[25] EN
[54] **BURRING PROCESSING METHOD**
[54] **PROCEDE DE BORDAGE**
[72] ISOGAI, EIJI, JP
[72] MIKAZUKI, YUTAKA, JP
[72] OKAMOTO, RIKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2017-08-18
[86] 2016-03-09 (PCT/JP2016/057371)
[87] (WO2016/143820)
[30] JP (2015-048169) 2015-03-11

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[13] A1
[51] **Int.Cl. C22C 38/00 (2006.01) C21D 8/12 (2006.01) C22C 38/60 (2006.01)**
[25] EN
[54] **GRAIN-ORIENTED ELECTRIC STEEL SHEET AND METHOD FOR MANUFACTURING SAME**
[54] **TOLE D'ACIER ELECTROMAGNETIQUE ORIENTEE ET PROCEDE DE FABRICATION ASSOCIE**
[72] IMAMURA, TAKESHI, JP
[72] TAKENAKA, MASANORI, JP
[72] WAKISAKA, YUIKO, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-08-18
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[87] (WO2016/140373)
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[51] **Int.Cl. G01V 1/18 (2006.01) G01H 11/02 (2006.01)**
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[54] **GEOPHONE WITH MAGNETIC SELF-DAMPING SYSTEM**
[54] **GEOPHONE DOTE D'UN SYSTEME D'AUTO-AMORTISSEMENT MAGNETIQUE**
[72] LAU, YONG FONG, US
[72] HUANG, WEI HSUAN, US
[72] YEO, SHI JING JACKIE, US
[72] WU, ARIANE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-08-18
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[51] **Int.Cl. A61N 1/18 (2006.01) A61N 1/36 (2006.01)**
[25] EN
[54] **NERVE STIMULATION FOR TREATMENT OF DISEASES AND DISORDERS**
[54] **NEUROSTIMULATION POUR LE TRAITEMENT DE MALADIES ET DE TROUBLES**
[72] TRACEY, KEVIN J., US
[72] CHAVAN, SANGEETA S., US
[71] THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH, US
[85] 2017-08-18
[86] 2016-02-19 (PCT/US2016/018573)
[87] (WO2016/134199)
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[30] US (62/237,047) 2015-10-05
[30] US (62/237,041) 2015-10-05

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[54] **LOAD BEARING STRUCTURE**
[54] **STRUCTURE PORTEUSE**
[72] IMBRECHT, RICK, US
[72] LIN, CHI KONG, US
[71] AIRDEX INTERNATIONAL, US
[85] 2017-08-18
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[51] **Int.Cl. B08B 3/08 (2006.01)**
[25] EN
[54] **COATING REMOVAL FROM POLYETHYLENE TEREPHTHALATE THERMAL PRINTER FILM**
[54] **ELIMINATION DU REVETEMENT SITUE SUR UN FILM EN POLYETHYLENE TEREPHTALATE D'IMPRIMANTE THERMIQUE**
[72] MCCOPPIN, ANNE B., US
[72] ESSMAN, JOHN S., US
[72] MILLER, LARRY M., US
[72] SMITH, CHAD C., US
[72] WHALEY, RONALD L., US
[72] JONES, GORDON D., US
[71] GEO-TECH POLYMERS, LLC, US
[71] MCCOPPIN, ANNE B., US
[71] ESSMAN, JOHN S., US
[71] MILLER, LARRY M., US
[71] SMITH, CHAD C., US
[71] WHALEY, RONALD L., US
[71] JONES, GORDON D., US
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[87] (WO2016/134347)
[30] US (62/119,162) 2015-02-21

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[51] **Int.Cl. A61K 8/362 (2006.01) A61K 8/365 (2006.01) A61K 8/368 (2006.01) A61K 31/225 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR TREATMENT OF SKIN INFECTIONS**
[54] **COMPOSITIONS ET METHODES DE TRAITEMENT D'INFECTIONS CUTANEES**
[72] ALONSO, ROBERT, US
[72] STOLL, LAWRENCE, US
[71] PEDICIS RESEARCH LLC, US
[85] 2017-08-18
[86] 2016-02-18 (PCT/US2016/018441)
[87] (WO2016/134130)
[30] US (62/119,076) 2015-02-20

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[51] **Int.Cl. A61B 17/22 (2006.01) A61B 17/3207 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR DISRUPTING CALCIFIED WALLS OF BIOLOGICAL CONDUITS AND CALCIFIED LESIONS THEREIN**
[54] **PROCEDES ET SYSTEMES POUR ROMPRE DES PAROIS CALCIFIEES DE CONDUITS BIOLOGIQUES ET DE LESIONS CALCIFIEES DANS CEUX-CI**
[72] KOHLER, ROBERT E., US
[72] MARTINSEN, BRAD J., US
[72] YANG, MICHAEL X., US
[72] ZHENG, YIHAO, US
[72] SHIH, ALBERT, US
[72] DEOKAR, ROHIT, US
[71] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2017-08-18
[86] 2016-02-19 (PCT/US2016/018618)
[87] (WO2016/134225)
[30] US (62/118,696) 2015-02-20
[30] US (62/134,408) 2015-03-17
[30] US (62/190,411) 2015-07-09
[30] US (15/047,174) 2016-02-18

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[51] **Int.Cl. A61K 31/201 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **METHODS FOR IMPROVING JOINT FUNCTION**
[54] **PROCEDES POUR AMELIORER LA FONCTION ARTICULAIRE**
[72] O'HAIMHIRGIN, LOCHLAINN, US
[71] TERSUS LIFE SCIENCES, LLC, US
[85] 2017-08-18
[86] 2016-02-18 (PCT/US2016/018479)
[87] (WO2016/134150)
[30] US (62/117,561) 2015-02-18

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[51] **Int.Cl. A61F 2/02 (2006.01) A61F 2/24 (2006.01)**
[25] EN
[54] **DEVICES, SYSTEMS AND METHODS FOR CARDIAC TREATMENT**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE TRAITEMENT CARDIAQUE**
[72] CHAMBERS, JEFFREY W., US
[71] 4C MEDICAL TECHNOLOGIES, INC., US
[85] 2017-08-18
[86] 2016-02-19 (PCT/US2016/018644)
[87] (WO2016/134239)
[30] US (62/118,797) 2015-02-20

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[51] **Int.Cl. A61N 1/00 (2006.01) A61H 1/00 (2006.01)**
[25] EN
[54] **BIOELECTRONIC PHARMACEUTICALS**
[54] **PRODUITS PHARMACEUTIQUES BIOELECTRONIQUES**
[72] TRACEY, KEVIN J., US
[72] CHAVAN, SANGEETA S., US
[71] THE FEINSTEIN INSTITUTE FOR MEDICAL RESEARCH, US
[85] 2017-08-18
[86] 2016-02-19 (PCT/US2016/018569)
[87] (WO2016/134197)
[30] US (62/118,756) 2015-02-20
[30] US (62/237,056) 2015-10-05

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[51] **Int.Cl. C23C 14/28 (2006.01)**
[25] EN
[54] **HANDHELD APPARATUS FOR VAPORIZATION OF PLANT-BASED OR SYNTHETIC COMPOUNDS BY LASER**
[54] **APPAREIL PORTATIF POUR VAPORISATION DE COMPOSES A BASE DE PLANTES OU SYNTHETIQUES PAR LASER**
[72] SCHNEIDER, ROBERT, US
[71] SCHNEIDER, ROBERT, US
[85] 2017-08-17
[86] 2016-02-24 (PCT/IB2016/001166)
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[51] **Int.Cl. C09D 9/00 (2006.01)**
[25] EN
[54] **COATING REMOVAL FROM BIAXIALLY-ORIENTED POLYPROPYLENE FILMS FOR FOOD PACKAGING**
[54] **RETRAIT DE REVETEMENT DE FILMS DE POLYPROPYLENE ORIENTES BI-AXIALEMENT POUR EMBALLAGE ALIMENTAIRE**
[72] MCCOPPIN, ANNE B., US
[72] ESSMAN, JOHN S., US
[72] MILLER, LARRY M., US
[72] SMITH, CHAD C., US
[72] WHALEY, RONALD L., US
[72] JONES, GORDON D., US
[71] GEO-TECH POLYMERS, LLC, US
[71] MCCOPPIN, ANNE B., US
[71] ESSMAN, JOHN S., US
[71] MILLER, LARRY M., US
[71] SMITH, CHAD C., US
[71] WHALEY, RONALD L., US
[71] JONES, GORDON D., US
[85] 2017-08-18
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[30] US (62/119,163) 2015-02-21

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[51] **Int.Cl. G01N 1/34 (2006.01) B01L 3/04 (2006.01) C22B 11/00 (2006.01) G01N 1/40 (2006.01) G01N 1/44 (2006.01)**
[25] EN
[54] **A METHOD AND A CONTAINER FOR PREPARING A FUSED SAMPLE FOR ANALYSIS**
[54] **PROCEDE ET RECIPIENT PERMETTANT DE PREPARER UN ECHANTILLON FUSIONNE POUR ANALYSE**
[72] JONG, TERRE-BLANCHE DE, AU
[72] HOFMEYR, PIERRE KAREL, AU
[72] WESTHUIZEN, ARNOUX VAN DER, AU
[72] HOHENSTEIN, BOYNE FRIEDERICH, AU
[71] IMP GROUP (PTY) LTD, AU
[85] 2017-08-18
[86] 2016-03-04 (PCT/AU2016/000069)
[87] (WO2016/141405)
[30] AU (2015900812) 2015-03-06
[30] AU (2015900849) 2015-03-10

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[51] **Int.Cl. A61K 31/336 (2006.01) C07D 303/32 (2006.01)**
[25] EN
[54] **OXABICYCLOHEPTANES AND OXABICYCLOHEPTENES FOR THE TREATMENT OF DEPRESSIVE AND STRESS DISORDERS**
[54] **OXABICYCLOHEPTANES ET OXABICYCLOHEPTENES PERMETTANT DE TRAITER DES TROUBLES DEPRESSIFS ET DE STRESS**
[72] KOVACH, JOHN S., US
[72] LECCA, SALVATORE, FR
[72] MAMELI, MANUEL, FR
[71] LIXTER BIOTECHNOLOGY, INC., US
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE, FR
[85] 2017-08-18
[86] 2016-02-19 (PCT/US2016/018679)
[87] (WO2016/134257)
[30] US (62/118,246) 2015-02-19
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[51] **Int.Cl. A61K 39/00 (2006.01) A61K 39/395 (2006.01) C07K 16/00 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12P 21/02 (2006.01)**
[25] EN
[54] **ANTIBODY THERAPEUTICS THAT BIND CD137**
[54] **AGENTS THERAPEUTIQUES DE TYPE ANTICORPS SE LIANT A CD137**
[72] GRAY, JOHN DIXON, US
[72] ZHOU, HEYUE, US
[71] SORRENTO THERAPEUTICS, INC., US
[85] 2017-08-18
[86] 2016-02-22 (PCT/US2016/018897)
[87] (WO2016/134358)
[30] US (62/119,211) 2015-02-22

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[51] **Int.Cl. C09K 3/32 (2006.01) B09C 1/02 (2006.01)**
[25] EN
[54] **COMPOSITION AND METHOD FOR HYDROCARBON AND LIPID DEGRADATION AND DISPERSAL**
[54] **COMPOSITION ET PROCEDE UTILISES DE DEGRADATION ET DE DISPERSION D'HYDROCARBURES ET DE LIPIDES**
[72] FIORDA, ANTONIO, CA
[72] MCGUIRE, TERRENCE J., CA
[71] GREEN ON INDUSTRIES INC., CA
[85] 2017-08-18
[86] 2015-02-18 (PCT/CA2015/000091)
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[51] **Int.Cl. C09D 9/00 (2006.01)**
[25] EN
[54] **COATING REMOVAL FROM POLYETHYLENE FILM**
[54] **RETRAIT DE REVETEMENT D'UN FILM DE POLYETHYLENE**
[72] MCCOPPIN, ANNE B., US
[72] GELS, DOUGLAS R., US
[72] HEATER, KENNETH J., US
[72] ESSMAN, JOHN S., US
[72] MILLER, LARRY M., US
[72] SMITH, CHAD C., CA
[72] WHALEY, RONALD L., US
[72] JONES, GORDON D., US
[71] GEO-TECH POLYMERS, LLC, US
[71] MCCOPPIN, ANNE B., US
[71] GELS, DOUGLAS R., US
[71] HEATER, KENNETH J., US
[71] ESSMAN, JOHN S., US
[71] MILLER, LARRY M., US
[71] SMITH, CHAD C., CA
[71] WHALEY, RONALD L., US
[71] JONES, GORDON D., US
[85] 2017-08-18
[86] 2016-02-21 (PCT/US2016/018834)
[87] (WO2016/134348)
[30] US (62/119,164) 2015-02-21
[30] US (62/207,288) 2015-08-19

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[51] **Int.Cl. G06Q 50/30 (2012.01) G07C 5/00 (2006.01)**
[25] FR
[54] **DEVICE, SYSTEM AND METHOD FOR SHARING VEHICLES**
[54] **DISPOSITIF, SYSTEME ET PROCEDE POUR LE PARTAGE DE VEHICULES**
[72] SAVOURE, STEPHANE, CA
[72] RICARDO, SERGE, FR
[71] PVP TECHNOLOGIES CANADA INC., CA
[85] 2017-08-18
[86] 2016-03-04 (PCT/IB2016/051219)
[87] (WO2016/142816)
[30] FR (15/51897) 2015-03-06

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[51] **Int.Cl. C09D 1/06 (2006.01) C09D 4/04 (2006.01) C09D 125/02 (2006.01) C09D 133/04 (2006.01)**
[25] EN
[54] **WATERBORNE WET LOOK COATING COMPOSITION**
[54] **COMPOSITION DE REVETEMENT AQUEUSE, CONFERANT UN ASPECT HUMIDE**
[72] CRENSHAW, BRENT, US
[72] SARA, STACEY, US
[72] FRAZEE, GLENN, US
[71] VALSPAR SOURCING, INC., US
[85] 2017-08-18
[86] 2016-03-17 (PCT/US2016/022875)
[87] (WO2016/149499)
[30] US (62/134,073) 2015-03-17
[30] US (62/309,201) 2016-03-16

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[13] A1
[51] **Int.Cl. G02B 6/38 (2006.01)**
[25] EN
[54] **CONNECTORS FOR MICRO-DUCT TERMINATIONS OF FIBER OPTIC CABLE**
[54] **CONNECTEURS POUR TERMINAISONS DE MICRO-GAINES DE CABLE A FIBRE OPTIQUE**
[72] CARAPELLA, PETER A., US
[72] MONTENA, NOAH P., US
[72] CRAWFORD, WILLIAM, US
[71] PPC BROADBAND, INC., US
[85] 2017-08-18
[86] 2016-02-25 (PCT/US2016/019664)
[87] (WO2016/138325)
[30] US (62/120,823) 2015-02-25
[30] US (62/241,134) 2015-10-13

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[51] **Int.Cl. A61K 39/12 (2006.01) A61K 39/00 (2006.01) C07K 14/005 (2006.01)**
[25] EN
[54] **RECALL ANTIGEN FOR PROMOTING T-HELPER TYPE 1 RESPONSE**
[54] **ANTIGENE DE RAPPEL POUR ACTIVER LA REPONSE EN CELLULES T AUXILIAIRES DE TYPE 1**
[72] NAKAGAWA, MAYUMI, US
[71] BIOVENTURES, LLC, US
[85] 2017-08-18
[86] 2016-02-26 (PCT/US2016/019719)
[87] (WO2016/138350)
[30] US (62/120,978) 2015-02-26
[30] US (62/271,124) 2015-12-22

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[51] **Int.Cl. A23L 31/00 (2016.01) A23L 33/16 (2016.01) A61K 36/06 (2006.01)**
[25] EN
[54] **MINERAL ENRICHED NATURAL SUPPLEMENTS**
[54] **COMPLEMENTS NATURELS ENRICHIS EN MINERAUX**
[72] WICKING, BRUCE J., US
[72] BIAN, YILIN, US
[72] PU, ANBIN, US
[72] PETERSEN, KATHLEEN MARY, US
[71] CURA GLOBAL HEALTH (BVI) LIMITED, VG
[85] 2017-08-21
[86] 2016-02-25 (PCT/AU2016/000057)
[87] (WO2016/134406)
[30] US (62/121,321) 2015-02-26

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[13] A1
[51] **Int.Cl. B28B 1/00 (2006.01) B28B 1/30 (2006.01) B29C 41/00 (2006.01) B29C 47/00 (2006.01) B29C 67/00 (2017.01)**
[25] EN
[54] **REACTIVE ADDITIVE MANUFACTURING**
[54] **FABRICATION D'ADDITIF REACTIF**
[72] NUECHTERLEIN, JACOB S., US
[72] ITEN, JEREMY JOSEPH, US
[71] SINTER PRINT, INC., US
[85] 2017-08-18
[86] 2016-03-16 (PCT/US2016/022540)
[87] (WO2016/149301)
[30] US (62/134,190) 2015-03-17
[30] US (15/070,514) 2016-03-15

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[13] A1
[51] **Int.Cl. B02C 19/18 (2006.01) A61J 3/00 (2006.01) B01F 1/00 (2006.01) B01F 3/12 (2006.01) B01F 11/02 (2006.01) B02C 25/00 (2006.01)**
[25] EN
[54] **IMPROVED APPARATUS FOR DISINTEGRATION OF A SOLID AND METHOD**
[54] **APPAREIL AMELIORE POUR LA DESINTEGRATION D'UN SOLIDE ET PROCEDE**
[72] BULL, DAVID JOHN, AU
[72] MEYER, JULIAN, AU
[71] LIQUITAB SYSTEMS LIMITED, AU
[85] 2017-08-21
[86] 2016-02-10 (PCT/AU2016/050079)
[87] (WO2016/134414)
[30] AU (2015900647) 2015-02-24

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[51] **Int.Cl. H04W 4/04 (2009.01) H04W 4/06 (2009.01) H04W 4/08 (2009.01) H04W 4/22 (2009.01) H04W 72/00 (2009.01) H04W 76/00 (2009.01) G08B 25/01 (2006.01) G08G 1/16 (2006.01) H04L 29/08 (2006.01) H04W 88/04 (2009.01)**
[25] EN
[54] **POINT-TO-MULTIPOINT BROADCAST ASSISTED VEHICLE-TO-X BROADCAST**
[54] **DIFFUSION VEHICULE A X ASSISTEE PAR UNE DIFFUSION POINT A MULTIPLES POINTS**
[72] WU, XINZHOU, US
[72] HALL, EDWARD ROBERT, US
[72] MISENER, JAMES ALAN, US
[72] WANG, JUN, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-18
[86] 2016-03-25 (PCT/US2016/024337)
[87] (WO2016/160611)
[30] US (62/139,200) 2015-03-27
[30] US (62/139,157) 2015-03-27
[30] US (15/080,443) 2016-03-24

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[51] **Int.Cl. B29C 45/40 (2006.01) B29C 45/17 (2006.01) B29C 45/24 (2006.01)**
[25] EN
[54] **MOLDING SYSTEM HAVING A MOLD STACK WITH A CLEANING CONFIGURATION AND A SHUT HEIGHT ADJUSTMENT MECHANISM**
[54] **SYSTEME DE MOULAGE PRESENTANT UN EMPILEMENT DE MOULES AYANT UNE CONFIGURATION DE NETTOYAGE ET UN MECANISME DE REGLAGE DE HAUTEUR DE FERMETURE**
[72] KMOCH, SVEN, DE
[72] FISCH, RALF WALTER, DE
[72] MCCREADY, DEREK ROBERTSON, CA
[72] PAPA, RENATO, CA
[72] BRADSHAW, MAXFIELD PAUL, CA
[71] HUSKY INJECTION MOLDING SYSTEMS LTD., CA
[85] 2017-08-21
[86] 2016-02-24 (PCT/CA2016/050184)
[87] (WO2016/149800)
[30] US (62/135,987) 2015-03-20

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[13] A1
[51] Int.Cl. A61K 31/551 (2006.01) A61K 31/517 (2006.01) A61P 37/02 (2006.01) C07D 239/91 (2006.01)
[25] EN
[54] COMPOSITIONS AND THERAPEUTIC METHODS FOR THE TREATMENT OF COMPLEMENT-ASSOCIATED DISEASES
[54] COMPOSITIONS ET PROCEDES THERAPEUTIQUES POUR LE TRAITEMENT DE MALADIES ASSOCIEES AU COMPLEMENT
[72] WASIAK, SYLVIA, CA
[72] KULIKOWSKI, EWELINA B., CA
[72] HALLIDAY, CHRISTOPHER R.A., CA
[72] GILHAM, DEAN, CA
[71] RESVERLOGIX CORP., CA
[85] 2017-08-21
[86] 2016-03-10 (PCT/IB2016/000443)
[87] (WO2016/147053)
[30] US (62/132,572) 2015-03-13
[30] US (62/264,768) 2015-12-08

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[13] A1
[51] Int.Cl. B62K 25/04 (2006.01) B62K 25/28 (2006.01)
[25] EN
[54] REAR SUSPENSION SYSTEM FOR A BICYCLE
[54] SYSTEME DE SUSPENSION ARRIERE POUR BICYCLETTE
[72] HUDEC, CHRISTOPHER, CA
[71] CMH PLUS HOLDINGS LTD., CA
[85] 2017-08-21
[86] 2016-02-24 (PCT/CA2016/050188)
[87] (WO2016/134471)
[30] US (62/121,900) 2015-02-27
[30] US (14/719,219) 2015-05-21
[30] US (62/173,211) 2015-06-09

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[13] A1
[51] Int.Cl. A01G 25/16 (2006.01)
[25] EN
[54] WATERING SYSTEM WITH ADAPTIVE COMPONENTS
[54] SYSTEME D'ARROSAGE MUNI DE COMPOSANTS ADAPTATIFS
[72] GILLIAM, SONJA, DE
[72] KELLER, STEFAN, DE
[72] SCHABEL, THOMAS, DE
[72] KIENZLE, CHRISTIAN, DE
[72] WEISER, SANDRA, DE
[71] HUSQVARNA AB, SE
[85] 2017-08-21
[86] 2015-04-10 (PCT/EP2015/057845)
[87] (WO2016/162085)

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[13] A1
[51] Int.Cl. B65H 75/44 (2006.01) H04R 1/10 (2006.01)
[25] EN
[54] CABLE WINDING DEVICE
[54] DISPOSITIF D'ENROULEMENT DE CORDON
[72] TOMLINSON, ARTHUR LESLIE, GB
[71] TOMLINSON, ARTHUR LESLIE, GB
[85] 2017-08-21
[86] 2014-02-19 (PCT/GB2014/050490)
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[13] A1
[51] Int.Cl. A61B 3/00 (2006.01) A61B 3/10 (2006.01) A61B 3/113 (2006.01) G02B 26/00 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR FIXATION MEASUREMENT AND REFRACTION ERROR MEASUREMENT USING WAVE-FRONT ERROR
[54] PROCEDE ET APPAREIL DE MESURE DE FIXATION ET DE MESURE D'ERREUR DE REFRACTION UTILISANT L'ERREUR DE FRONT D'ONDE
[72] WINSOR, ROBERT SCOTT, US
[71] REBISCAN, INC., US
[85] 2017-08-18
[86] 2015-12-22 (PCT/US2015/067455)
[87] (WO2016/133588)
[30] US (62/118,894) 2015-02-20

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[51] Int.Cl. A01N 43/00 (2006.01)
[25] EN
[54] PLANT GROWTH PROMOTING COMPOSITION AND A PROCESS OF PREPARING THE SAME
[54] COMPOSITION FAVORISANT LA CROISSANCE DES PLANTES ET SON PROCEDE DE PREPARATION
[72] MALSHE, VINOD CHINTAMANI, IN
[72] RAJE, RAJAN BALKRISHNA, IN
[72] CHOUDHARI, RISHIKESH RAMAKANT, IN
[72] HANDE, RUPALI PRAKASH, IN
[71] NICHEM SOLUTIONS, IN
[85] 2017-08-21
[86] 2016-02-25 (PCT/IN2016/050066)
[87] (WO2016/135752)
[30] IN (620/MUM/2015) 2015-02-25

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[51] Int.Cl. B27B 17/02 (2006.01) B23D 57/02 (2006.01)
[25] EN
[54] GUIDE BAR OF CHAIN SAW
[54] BARRE DE GUIDAGE DE SCIE A CHAINE
[72] TSUMURA, TOSHIHIRO, JP
[72] YANOO, AKIHITO, JP
[72] KADOWAKI, TAICHI, JP
[72] UCHINO, TOSHIHIDE, JP
[71] SUEHIRO SEIKO KABUSHIKI KAISHA, JP
[85] 2017-08-21
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[30] JP (2015-036353) 2015-02-26

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[51] Int.Cl. F02B 29/04 (2006.01)
[25] EN
[54] INTAKE SYSTEM PIPING STRUCTURE FOR INTERNAL COMBUSTION ENGINE
[54] STRUCTURE DE TUYAUTERIE DE SYSTEME D'ADMISSION POUR MOTEUR A COMBUSTION INTERNE
[72] ARINAGA, TSUYOSHI, JP
[72] KATO, NAOZUMI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-08-21
[86] 2015-02-23 (PCT/JP2015/055006)
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[51] **Int.Cl. C08J 3/215 (2006.01) C08J 3/24 (2006.01) C08K 3/04 (2006.01) C08K 7/06 (2006.01) C08L 9/02 (2006.01)**
[25] EN
[54] **RUBBER PRODUCTS BASED ON IMPROVED NBR MASTERBATCH**
[54] **PRODUITS DE CAOUTCHOUC A BASE D'UN MELANGE-MAITRE DE NBR AMELIORE**
[72] ISMAIL, SURINA, MY
[72] SAMSURI, AZEMI B., MY
[71] ISMAIL, SURINA, MY
[71] SAMSURI, AZEMI B., MY
[85] 2017-08-21
[86] 2015-08-21 (PCT/IB2015/056335)
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[51] **Int.Cl. B21B 45/04 (2006.01) B21B 45/08 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR DESCALING METAL WIRE**
[54] **PROCEDE ET DISPOSITIF DE DECALAMINAGE D'UN FIL METALLIQUE**
[72] NAKANO, SATOSHI, JP
[72] YAMANE, SHIGEHIRO, JP
[71] KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.), JP
[85] 2017-08-21
[86] 2015-03-25 (PCT/JP2015/059259)
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[25] EN
[54] **DISPOSABLE CUP WITH SUBSTANCE INSIDE, PACKED IN A OXYGEN AND HUMIDITY-PROOF STACK PACKAGE, IDENTICAL TO THE STACK PACKAGE OF DISPOSABLE CUPS WITHOUT ANY SUBSTANCE INSIDE**
[54] **CAPSULE DESTINEE AU STOCKAGE D'UNE SUBSTANCE DANS UN GOBELET JETABLE ET UTILISATIONS ASSOCIEES**
[72] AMSEL, HAIM SIMCHA, IL
[71] AMSEL, HAIM SIMCHA, IL
[85] 2017-08-21
[86] 2016-02-21 (PCT/IL2016/050197)
[87] (WO2016/132369)
[30] IL (237356) 2015-02-22

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[51] **Int.Cl. A63B 24/00 (2006.01) G09B 5/00 (2006.01) G09B 19/00 (2006.01)**
[25] EN
[54] **EXERCISE DEVICE**
[54] **DISPOSITIF D'EXERCICE**
[72] LAAKKONEN, ARI, FI
[72] KORTELAINEN, JARKKO, SE
[71] TE3 OY, FI
[85] 2017-08-21
[86] 2016-02-25 (PCT/FI2016/050120)
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[25] EN
[54] **MAMMALIAN CELLS ENRICHED WITH FUNCTIONAL MITOCHONDRIA**
[54] **CELLULES MAMMIFERES ENRICHIES AVEC DES MITOCHONDRIES FONCTIONNELLES**
[72] YIVGI-OHANA, NATALIE, IL
[72] HALAVEE, URIEL, IL
[71] MINOVIA THERAPEUTICS LTD., IL
[85] 2017-08-21
[86] 2016-02-24 (PCT/IL2016/050205)
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[25] EN
[54] **COMMUNICATION SYSTEM, BASE STATION, DETERMINATION METHOD, COMMUNICATION TERMINAL, AND CONNECTION METHOD**
[54] **SYSTEME DE COMMUNICATION, STATION DE BASE, PROCEDE DE DETERMINATION, TERMINAL DE COMMUNICATION ET PROCEDE DE CONNEXION**
[72] TAMURA, TOSHIYUKI, JP
[71] NEC CORPORATION, JP
[85] 2017-08-21
[86] 2016-02-25 (PCT/JP2016/001007)
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[51] **Int.Cl. H01M 4/96 (2006.01) H01M 4/88 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **POROUS CARBON ELECTRODE SUBSTRATE, METHOD FOR MANUFACTURING SAME, GAS DIFFUSION LAYER, AND MEMBRANE-ELECTRODE ASSEMBLY FOR FUEL CELL**
[54] **MATERIAU DE BASE POUR ELECTRODE EN CARBONE POREUX, PROCEDE POUR SA FABRICATION, COUCHE DE DIFFUSION DE GAZ ET ENSEMBLE MEMBRANE-ELECTRODE POUR PILE A COMBUSTIBLE**
[72] INOUE, MIKIO, JP
[72] ODA, TAKAYUKI, JP
[72] SUZUKI, TAMOTSU, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-08-21
[86] 2016-03-22 (PCT/JP2016/058976)
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[51] **Int.Cl. A61F 2/04 (2013.01) A61F 2/848 (2013.01) A61F 2/82 (2013.01)**
[25] EN
[54] **SHEATH FOR MAINTAINING POSITION IN A PERICARDIAL SPACE**
[54] **GAINE POUR MAINTENIR UNE POSITION DANS UN ESPACE PERICARDIQUE**
[72] BAR-COHEN, YANIV, US
[72] LOEB, GERALD, US
[71] CHILDREN'S HOSPITAL LOS ANGELES, US
[71] UNIVERSITY OF SOUTHERN CALIFORNIA, US
[85] 2017-08-18
[86] 2016-02-22 (PCT/US2016/018907)
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[25] EN
[54] **BIVALENT ANTIBODY DIRECTED AGAINST NKG2D AND TUMOR ASSOCIATED ANTIGENS**
[54] **ANTICORPS BIVALENT DIRIGE CONTRE NKG2D ET ANTIGENES ASSOCIES A UNE TUMEUR**
[72] CALIGIURI, MICHAEL, US
[72] CHAN, WING KEUNG, US
[72] YU, JIANHUA, US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2017-08-18
[86] 2016-02-22 (PCT/US2016/018955)
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[51] **Int.Cl. A61K 39/02 (2006.01) C07K 14/20 (2006.01)**
[25] EN
[54] **LEPTOSPIRA IMMUNOPROTECTIVE PROTEINS AND METHODS OF IDENTIFICATION AND USE THEREOF**
[54] **PROTEINES IMMUNOPROTECTRICES DE LEPTOSPIRA ET METHODES D'IDENTIFICATION ET D'UTILISATION DE CELLES-CI**
[72] BOMCHIL, NATALIA INES, FR
[72] CLAUDE, JEAN-BAPTISTE, FR
[72] CUPILLARD, LIONEL PIERRE CHRISTIAN, FR
[72] FONTANA, CELIA, FR
[72] JAWHARI, ANASS, FR
[72] MANDON, ELODIE, FR
[72] KODJO, ANGELI, FR
[72] PICARDEAU, MATHIEU, FR
[72] ESHGHI, AZAD, CA
[71] MERIAL, INC., US
[71] CALIXAR, FR
[71] GENOSTAR, FR
[71] VETAGRO SUP, FR
[71] INSTITUT PASTEUR, FR
[85] 2017-08-18
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[25] EN
[54] **METHOD FOR SERUM-FREE CULTURE OF CHONDROCYTES AND SERUM-FREE CULTURE MEDIUM**
[54] **PROCEDE DE CULTURE, EXEMPT DE SERUM, DE CELLULES DE CARTILAGE ET MILIEU DE CULTURE EXEMPT DE SERUM**
[72] YANAGA, HIROKO, JP
[72] YANAGA, KATSU, JP
[71] REGENESIS SCIENCE CO., LTD., JP
[85] 2017-08-21
[86] 2015-10-26 (PCT/JP2015/080139)
[87] (WO2016/076102)
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[25] EN
[54] **METHODS AND COMPOSITIONS FOR TREATING GENETIC EYE DISEASES**
[54] **METHODES ET COMPOSITIONS DE TRAITEMENT DE MALADIES OCULAIRES GENETIQUES**
[72] DAVIDSON, BEVERLY L., US
[72] CHEN, YONG HONG, US
[72] AURICCHIO, ALBERTO, IT
[71] UNIVERSITY OF IOWA RESEARCH FOUNDATION, US
[71] FONDAZIONE TELETHON, IT
[85] 2017-08-18
[86] 2016-02-22 (PCT/US2016/018970)
[87] (WO2016/134375)
[30] US (62/118,934) 2015-02-20

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[25] EN
[54] **NETWORK ADDRESS RESOLUTION**
[54] **RESOLUTION D'ADRESSE RESEAU**
[72] NEWTON, CHRISTOPHER, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
[85] 2017-08-21
[86] 2015-12-31 (PCT/US2015/068292)
[87] (WO2016/137574)
[30] US (62/126,277) 2015-02-27

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[13] A1
[51] **Int.Cl. C07D 413/04 (2006.01)**
[25] EN
[54] **ANTI-AMYLOID COMPOUNDS CONTAINING BENZOFURAZAN**
[54] **COMPOSES ANTI-PROTEINE AMYLOIDE CONTENANT DU BENZOFURAZANE**
[72] REED, MARK A., CA
[72] WOOD, THOMAS K., US
[72] BANFIELD, SCOTT C., CA
[72] BARDEN, CHRISTOPHER J., CA
[72] YADAV, ARUN, CA
[72] LU, ERHU, CA
[72] WU, FAN, CA
[71] TREVENTIS CORPORATION, US
[85] 2017-08-21
[86] 2015-02-27 (PCT/US2015/017939)
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[51] **Int.Cl. H04W 4/02 (2009.01) H04W 4/00 (2009.01) H04W 4/22 (2009.01) H04W 48/00 (2009.01)**
[25] EN
[54] **TECHNIQUES TO SUPPORT EMERGENCY SERVICES**
[54] **TECHNIQUES POUR PRENDRE EN CHARGE DES SERVICES D'URGENCE**
[72] FACCIN, STEFANO, US
[72] ZHAO, SULI, US
[72] EDGE, STEPHEN WILLIAM, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-08-21
[86] 2016-01-28 (PCT/US2016/015362)
[87] (WO2016/160112)
[30] US (62/142,963) 2015-04-03
[30] US (14/963,438) 2015-12-09

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[51] **Int.Cl. A61K 31/136 (2006.01) A61P 1/04 (2006.01) A61P 3/04 (2006.01) A61P 3/10 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DECREASING GASTRIC EMPTYING**
[54] **METHODES ET COMPOSITIONS POUR REDUIRE LA VIDANGE GASTRIQUE**
[72] HUMMEL, MICHELE, US
[72] KYLE, DONALD J., US
[72] WHITESIDE, GARTH, US
[72] LAUTERMILCH, NATHAN, US
[71] PURDUE PHARMA L.P., US
[85] 2017-08-21
[86] 2016-02-19 (PCT/US2016/018715)
[87] (WO2016/134283)
[30] US (62/118,268) 2015-02-19

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[13] A1
[51] **Int.Cl. C09K 8/36 (2006.01) C09K 8/32 (2006.01)**
[25] EN
[54] **VISCOSIFYING FRICTION REDUCERS**
[54] **REDUCTEURS DE FROTTEMENT AMELIORANT LA VISCOSITE**
[72] LIN, GENYAO, US
[72] VILLAFANE, LOUIS, US
[72] SAWANT, KAILAS, US
[72] CHEN, SHIH-RUEY, US
[72] FREDERICK, KEVIN, US
[71] SOLVAY USA INC., US
[85] 2017-08-21
[86] 2016-02-23 (PCT/US2016/019062)
[87] (WO2016/137945)
[30] US (62/126,170) 2015-02-27

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[13] A1
[51] **Int.Cl. G09B 23/28 (2006.01) A61C 19/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ASSESSING TREATMENT EFFECTIVENESS OF TOOTH SENSITIVITY WITH ORAL CARE PRODUCT**
[54] **PROCEDE ET APPAREIL POUR EVALUER L'EFFICACITE DE TRAITEMENT DE LA SENSIBILITE DENTAIRE AVEC UN PRODUIT DE SOIN BUCCAL**
[72] SHI, YUNMING, CN
[72] TIAN, LEI, CN
[72] STRAND, ROSS, SG
[72] WHITE, DONALD JAMES, JR., US
[72] OCAMPOCHUA, NIXON LAO, CN
[72] CHANG, JINLAN, CN
[72] HE, YANYAN, CN
[72] HE, TAO, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-06-19
[86] 2015-01-13 (PCT/CN2015/070609)
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[13] A1
[51] **Int.Cl. A61K 38/50 (2006.01) A61P 1/12 (2006.01) C12N 9/86 (2006.01) C12N 15/70 (2006.01)**
[25] EN
[54] **CARBAPENEMASES FOR USE WITH ANTIBIOTICS FOR THE PROTECTION OF THE INTESTINAL MICROBIOME**
[54] **CARBAPENEMASES A UTILISER AVEC DES ANTIBIOTIQUES POUR LA PROTECTION DU MICROBIOME INTESTINAL**
[72] KALEKO, MICHAEL, US
[72] CONNELLY, SHEILA, US
[71] SYNTHETIC BIOLOGICS, INC., US
[85] 2017-08-21
[86] 2016-02-23 (PCT/US2016/019129)
[87] (WO2016/137993)
[30] US (62/119,602) 2015-02-23
[30] US (62/155,621) 2015-05-01
[30] US (62/190,806) 2015-07-10

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[13] A1
[51] **Int.Cl. A47D 9/02 (2006.01)**
[25] EN
[54] **INFANT CALMING/SLEEP-AID AND SIDS PREVENTION DEVICE WITH DRIVE SYSTEM**
[54] **DISPOSITIF DE PREVENTION DE SYNDROME DE MORT SUBITE DU NOURRISSON (SMSN) ET D'AIDE AU SOMMEIL/D'APAISEMENT DE NOURRISSON COMPORTANT UN SYSTEME D'ENTRAINEMENT**
[72] KARP, HARVEY NEIL, US
[72] MAJSTOROVIC, JOVO BOZIDAR, US
[72] ZIVIC, MARKO JOVICA, RS
[71] HAPPIEST BABY, INC., US
[85] 2017-08-21
[86] 2016-02-26 (PCT/US2016/019878)
[87] (WO2016/138441)
[30] US (62/126,057) 2015-02-27

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[51] **Int.Cl. B65D 77/06 (2006.01)**
[25] EN
[54] **BEVERAGE CONTAINER**
[54] **RECIPIENT A BOISSON**
[72] WOLF, KURT, US
[71] LBP MANUFACTURING LLC, US
[85] 2017-08-21
[86] 2016-02-26 (PCT/US2016/019905)
[87] (WO2016/138459)
[30] US (62/121,607) 2015-02-27

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[13] A1
[51] **Int.Cl. A61K 9/26 (2006.01) A61K 9/127 (2006.01) A61K 49/18 (2006.01)**
[25] EN
[54] **DUAL LOADED LIPOSOMAL PHARMACEUTICAL FORMULATIONS**
[54] **FORMULATIONS PHARMACEUTIQUES LIPOSOMALES A DOUBLE CHARGE**
[72] ZHU, DE-MIN, US
[72] CHEN, GUOQIANG, US
[71] CUREPORT, INC., US
[85] 2017-08-21
[86] 2016-03-03 (PCT/US2016/020647)
[87] (WO2016/141161)
[30] US (62/127,479) 2015-03-03

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[13] A1
[51] **Int.Cl. A01K 15/02 (2006.01)**
[25] EN
[54] **SCENTED INSERT**
[54] **INSERT PARFUME**
[72] DALEY, JUSTIN ANTHONY, AU
[72] CAMPBELL, GEORGE GILES, AU
[71] MY CLEVER DOG PTY LTD, AU
[85] 2017-08-22
[86] 2016-03-07 (PCT/AU2016/000068)
[87] (WO2016/141404)
[30] AU (2015900805) 2015-03-06

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[13] A1
[51] **Int.Cl. G06F 17/00 (2006.01) G06F 21/31 (2013.01) G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENABLING A MULTI-LOCATION DATA STORAGE AND RETRIEVAL SYSTEM**
[54] **SYSTEME ET PROCEDE DE VALIDATION DE SYSTEME DE MEMORISATION ET D'EXTRACTION DE DONNEES MULTI-EMPLACEMENT**
[72] MEYERS, JASON, CA
[72] CHEW, FRANCIS, CA
[72] JOSHI, ROHIT, CA
[72] SCHERGER, DEREK, CA
[71] BRIGHTSQUID DENTAL LTD., CA
[85] 2017-08-22
[86] 2016-02-23 (PCT/CA2016/050182)
[87] (WO2016/134466)
[30] US (62/120,113) 2015-02-24

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[13] A1
[51] **Int.Cl. B63B 7/00 (2006.01) B63H 16/20 (2006.01) B63H 23/02 (2006.01)**
[25] EN
[54] **COMPACT, PEDAL-PROPELLED BOATS**
[54] **BATEAUX COMPACTS MUS PAR PEDALES**
[72] SANTA CATARINA, MATEUS FROIS, BR
[71] SANTA CATARINA, MATEUS FROIS, BR
[85] 2017-08-22
[86] 2015-02-24 (PCT/BR2015/050015)
[87] (WO2016/134429)

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[13] A1
[51] **Int.Cl. G01R 33/54 (2006.01) G01R 33/46 (2006.01) G01R 33/56 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DELTA RELAXATION ENHANCED MAGNETIC RESONANCE IMAGING**
[54] **SYSTEME ET PROCEDE D'IMAGERIE PAR RESONANCE MAGNETIQUE A RELAXATION DELTA ACCRUE**
[72] PANTHER, ALEXANDER GYLES, CA
[72] PIRON, CAMERON ANTHONY, CA
[72] STAINSBY, JEFF ALAN, CA
[72] HARRIS, CHAD TYLER, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-08-22
[86] 2015-02-23 (PCT/CA2015/000106)
[87] (WO2016/134436)

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[13] A1
[51] **Int.Cl. G01R 33/385 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAGNETIC RESONANCE COIL ARRANGEMENT**
[54] **SYSTEME ET PROCEDE POUR UN AGENCEMENT DE BOBINE DE RESONANCE MAGNETIQUE**
[72] BINDSEIL, GERON ANDRE, CA
[72] HARRIS, CHAD TYLER, CA
[72] HANDLER, WILLIAM BRADFIELD, CA
[72] CHRONIK, BLAINE ALEXANDER, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-08-22
[86] 2015-02-23 (PCT/CA2015/000107)
[87] (WO2016/134437)

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[13] A1
[51] **Int.Cl. G01R 33/385 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR MAGNETIC RESONANCE COIL ARRANGEMENT**
[54] **SYSTEME ET PROCEDE POUR AGENCEMENT DE BOBINE A RESONANCE MAGNETIQUE**
[72] BINDSEIL, GERON ANDRE, CA
[72] HARRIS, CHAD TYLER, CA
[72] HANDLER, WILLIAM BRADFIELD, CA
[72] CHRONIK, BLAINE ALEXANDER, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-08-22
[86] 2015-02-23 (PCT/CA2015/000108)
[87] (WO2016/134438)

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[13] A1
[51] **Int.Cl. C25C 3/12 (2006.01)**
[25] EN
[54] **ANODE ASSEMBLY AND METHOD FOR MANUFACTURING ANODE ASSEMBLY**
[54] **ENSEMBLE D'ANODE ET PROCEDE DE FABRICATION D'ENSEMBLE D'ANODE**
[72] RICHARD, DANIEL, CA
[72] DUPUIS, MARC, CA
[71] HATCH LTD., CA
[85] 2017-08-22
[86] 2016-02-22 (PCT/CA2016/050175)
[87] (WO2016/134462)
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[25] EN
[54] **METCONAZOLE-CONTAINING PESTICIDE COMPOSITION FOR PREVENTING AND CONTROLLING FUSARIUM HEAD BLIGHT AND APPLICATION THEREOF**
[54] **COMPOSITION PESTICIDE CONTENANT DU METCONAZOLE POUR PREVENIR ET TRAITER LA FUSARIOSE DE L'EPI ET SON APPLICATION**
[72] ZHOU, MINGGUO, CN
[72] DUAN, YABING, CN
[72] WANG, JIANXIN, CN
[71] NANJING AGRICULTURAL UNIVERSITY, CN
[85] 2017-08-22
[86] 2016-05-11 (PCT/CN2016/081655)
[87] (WO2017/084249)
[30] CN (201510801884.5) 2015-11-19

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[25] EN
[54] **METHODS FOR DIAGNOSIS OF SEPSIS**
[54] **METHODES DE DIAGNOSTIC DE LA SEPSIE**
[72] KHATRI, PURVESH, US
[72] SWEENEY, TIMOTHY E., US
[71] THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNOR UNIVERSITY, US
[85] 2017-08-21
[86] 2016-03-12 (PCT/US2016/022233)
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[30] US (62/132,293) 2015-03-12

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[51] **Int.Cl. A61K 39/395 (2006.01) A61K 35/17 (2015.01) A61K 38/16 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **GENETICALLY MODIFIED NK-92 CELLS AND MONOCLONAL ANTIBODIES FOR THE TREATMENT OF CANCER**
[54] **CELLULES NK-92 GENETIQUEMENT MODIFIEES ET ANTICORPS MONOCLONAUX POUR LE TRAITEMENT DU CANCER**
[72] LEE, TIEN, US
[72] KLINGEMANN, HANS G., US
[72] SIMON, BARRY J., US
[72] BOISSEL, LAURENT, US
[71] NANTKWEST, INC., US
[85] 2017-08-21
[86] 2016-03-25 (PCT/US2016/024318)
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[30] US (62/139,258) 2015-03-27

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[51] **Int.Cl. G06F 19/00 (2011.01) A61B 3/113 (2006.01) A61B 5/16 (2006.01) G06F 3/01 (2006.01) G06F 15/18 (2006.01)**
[25] EN
[54] **METHOD OF AND SYSTEM FOR PROCESSING SIGNALS SENSED FROM A USER**
[54] **PROCEDE ET SYSTEME PERMETTANT DE TRAITER DES SIGNAUX DETECTES A PARTIR D'UN UTILISATEUR**
[72] COURTEMANCHE, FRANCOIS, CA
[72] FREDETTE, MARC, CA
[72] SENECAL, SYLVAIN, CA
[72] LEGER, PIERRE-MAJORIQUE, CA
[72] DUFRESNE, AUDE, CA
[72] GEORGES, VANESSA, CA
[72] LABONTE-LEMOYNE, ELISE, CA
[71] VALORISATION-RECHERCHE, LIMITED PARTNERSHIP, CA
[71] VALORISATION GESTION, LIMITED PARTNERSHIP, CA
[85] 2017-08-22
[86] 2016-02-25 (PCT/IB2016/051028)
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[25] EN
[54] **REAGENT-FREE IDENTIFICATION OF BACTERIA CONTAINING RESISTANCE GENES USING A RAPID INTRINSIC FLUORESCENCE METHOD**
[54] **IDENTIFICATION SANS REACTIF DES GENES DE RESISTANCE CONTENANT DES BACTERIES A L'AIDE D'UN PROCEDE DE FLUORESCENCE INTRINSEQUE RAPIDE**
[72] GURFINKEL, JONATHAN, IL
[72] INGBER, GAL, IL
[71] POCARED DIAGNOSTICS LTD., IL
[85] 2017-08-22
[86] 2016-03-04 (PCT/IB2016/051247)
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[25] EN
[54] **INKJET INK RECEPTIVE COATING COMPRISING ESTERIFIED OR ETHERIFIED STARCH AND AN INORGANIC MINERAL**
[54] **REVETEMENT RECEPTEUR D'ENCRE DE JET D'ENCRE COMPRENANT DE L'AMIDON ESTERIFIE OU ETHERIFIE ET UN MINERAL INORGANIQUE**
[72] BACKFOLK, KAJ, FI
[72] MIELONEN, KATRIINA, FI
[72] OVASKA, SAMI, FI
[71] STORA ENSO OYJ, FI
[85] 2017-08-22
[86] 2016-03-23 (PCT/IB2016/051648)
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[25] EN
[54] **ANTIBODY DETECTION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE DETECTION D'ANTICORPS**
[72] BONIG, HALVARD, DE
[72] GEISEN, CHRISTOF, DE
[72] WIERCINSKA, ELIZA JUSTYNA, DE
[72] RYSCHKA, NIKOLAS, DE
[71] DRK-BLUTSPENDEDIENST BADEN-WURTTEMBERG-HESSEN GGMBH, DE
[71] JOHANN WOLFGANG GOETHE-UNIVERSITAT FRANKFURT AM MAIN, DE
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[86] 2016-02-25 (PCT/EP2016/053989)
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[51] **Int.Cl. C03C 27/12 (2006.01)**
[25] EN
[54] **INTERLAYER FOR LAMINATED GLASS, LAMINATED GLASS, PRODUCTION METHOD FOR EMBOSSING ROLL, AND PRODUCTION METHOD FOR INTERLAYER FOR LAMINATED GLASS**
[54] **COUCHE INTERMEDIAIRE POUR VERRE FEUILLETE, VERRE FEUILLETE, PROCEDE DE PRODUCTION DE ROULEAU GAUFREUR, ET PROCEDE DE PRODUCTION DE COUCHE INTERMEDIAIRE POUR VERRE FEUILLETE**
[72] NAKAYAMA, KAZUHIKO, JP
[72] OMIZU, MORIMASA, JP
[72] KONDOU, MASAYA, JP
[71] SEKISUI CHEMICAL CO., LTD., JP
[85] 2017-08-22
[86] 2016-04-08 (PCT/JP2016/061516)
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[30] JP (2015-081180) 2015-04-10

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[25] EN
[54] **WET SMELTING METHOD FOR NICKEL OXIDE ORE**
[54] **PROCEDE DE FUSION HUMIDE POUR MINERAI D'OXYDE DE NICKEL**
[72] SHOUJI, HIROFUMI, JP
[72] KUDO, KEIJI, JP
[72] OZAKI, YOSHITOMO, JP
[72] KOBAYASHI, HIROSHI, JP
[72] ASANO, SATOSHI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-08-22
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[54] **FILTRATION UNIT**
[54] **UNITE DE FILTRATION**
[72] TANAKA, HIROMU, JP
[72] MIKI, HIROKO, JP
[72] YONEDA, TOMOYUKI, JP
[72] MORITA, TORU, JP
[71] SUMITOMO ELECTRIC INDUSTRIES, LTD., JP
[85] 2017-08-22
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[25] EN
[54] **DECELLULARIZED TISSUE**
[54] **TISSU DEPOURVU DE CELLULES**
[72] NEGISHI, JUN, JP
[72] HIWATARI, KEN-ICHIRO, JP
[72] OCHIAI, KYOHEI, JP
[71] ADEKA CORPORATION, JP
[85] 2017-08-22
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[25] EN
[54] **BACTERIA IDENTIFICATION AND ANTIMICROBIAL SUSCEPTIBILITY TEST**
[54] **IDENTIFICATION DE BACTERIES ET TEST DE SENSIBILITE AUX ANTIMICROBIENS**
[72] BORK, OLAF, NZ
[71] MASTAPLEX LIMITED, NZ
[85] 2017-08-22
[86] 2016-02-26 (PCT/NZ2016/050027)
[87] (WO2016/137341)
[30] AU (2015900695) 2015-02-27

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[25] EN
[54] **A SAMPLE RECEPTACLE, SAMPLE CONTAINER AND METHOD OF USE**
[54] **RECEPTACLE A ECHANTILLONS, CONTENANT A ECHANTILLONS, ET PROCEDE D'UTILISATION**
[72] BORK, OLAF, NZ
[71] MASTAPLEX LIMITED, NZ
[85] 2017-08-22
[86] 2016-02-26 (PCT/NZ2016/050029)
[87] (WO2016/137342)
[30] AU (2015900695) 2015-02-27
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[51] **Int.Cl. B64D 27/24 (2006.01) B64D 27/26 (2006.01)**
[25] EN
[54] **THRUST FORCE GENERATION DEVICE AND AIRCRAFT**
[54] **DISPOSITIF DE GENERATION DE FORCE DE POUSSEE, ET AERONEF**
[72] TAKAMI, HIKARU, JP
[72] YOKOI, YUTO, JP
[71] MITSUBISHI HEAVY INDUSTRIES, LTD., JP
[85] 2017-08-22
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[25] EN
[54] **SOYBEAN CULTIVAR AR1210538**
[54] **CULTIVAR DE SOYA AR1210538**
[72] MCCLURE, DONALD BRUCE, CA
[72] LEE, DAVID SCOTT, CA
[72] LINDENBAUM, KURT MILAN, US
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2017-01-27
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[51] **Int.Cl. C02F 1/00 (2006.01) B01D 35/02 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR INCREASING UNIFORM EFFLUENT FLOW THROUGH A WASTE WATER TREATMENT SYSTEM**
[54] **APPAREIL ET METHODE SERVANT A AUGMENTER L'ECOULEMENT D'EFFLUENT UNIFORME DANS UN SYSTEME DE TRAITEMENT DES EAUX USEES**
[72] GORIAWALA, QAUSARALI, US
[72] BUTLER, MICHAEL A., US
[72] WRIGHT, TERRY, US
[72] BERTONI, ALFRED, US
[72] JACOBS, JONATHAN M., US
[71] CLEARCOVE SYSTEMS, INC., US
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[51] **Int.Cl. A61F 9/04 (2006.01) A41D 13/11 (2006.01) G02C 7/10 (2006.01)**
[25] EN
[54] **TRANSPARENT DISPLAY WITH EYE PROTECTION**
[54] **PRESENTOIR TRANSPARENT OFFRANT UNE PROTECTION DES YEUX**
[72] O'CONNEL, DANNY J., US
[72] MCDAVITT, DANIEL L., US
[72] PARKER, JAMES S., US
[72] TRIPATHI, SANJAY, US
[71] O'CONNEL, DANNY J., US
[71] MCDAVITT, DANIEL L., US
[71] PARKER, JAMES S., US
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[51] **Int.Cl. A62C 3/08 (2006.01)**
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[54] **FIRE SUPPRESSION SYSTEM**
[54] **SYSTEME D'EXTINCTION DES INCENDIES**
[72] SEEBALUCK, DHARMENDR LEN, US
[72] SIMPSON, TERRY, US
[72] GLASER, ROBERT, US
[71] KIDDE TECHNOLOGIES, INC., US
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[51] **Int.Cl. B01D 53/50 (2006.01) B01D 53/14 (2006.01)**
[25] EN
[54] **AMMONIA-BASED DESULFURIZATION PROCESS AND APPARATUS THROUGH AMMONIA-ADDING IN DIFFERENT CHAMBERS**
[54] **APPAREILLAGE ET PROCEDE DE DESULFURATION A L'AMMONIAC PAR AJOUT D'AMMONIAC DANS DES CHAMBRES DIFFERENTES**
[72] LUO, JING, CN
[72] XU, CHANGXIANG, CN
[72] XU, XIANGJUN, CN
[72] LUO, YONGYING, CN
[71] JIANGSU NEW CENTURY JIANGNAN ENVIRONMENTAL PROTECTION INC., LTD, CN
[22] 2017-06-22
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[51] **Int.Cl. G01N 27/31 (2006.01)**
[25] EN
[54] **DIAGNOSTIC DEVICES INCORPORATING FLUIDICS AND METHODS OF MANUFACTURE**
[54] **APPAREILS DE DIAGNOSTIC INTEGRANT DES LIQUIDES ET METHODES DE FABRICATION**
[72] LAUKS, IMANTS, CA
[72] VARLAN, ANCA, CA
[72] OUSSOVA, ALEXANDRA, CA
[72] BALES, MICHAEL, CA
[71] EPOCAL INC., CA
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[51] **Int.Cl. C07D 413/12 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01) C07D 239/88 (2006.01) C07D 403/12 (2006.01) C07D 413/14 (2006.01)**
[25] EN
[54] **RAF KINASE MODULATOR COMPOUNDS AND METHODS OF USE THEREOF**
[54] **COMPOSES MODULATEURS DE RAF KINASE ET METHODES D'UTILISATION ASSOCIEES**
[72] ABRAHAM, SUNNY, US
[72] BHAGWAT, SHRIPAD, US
[72] CAMPBELL, BRIAN T., US
[72] CHAO, QI, US
[72] FARAONI, RAFFAELLA, US
[72] HOLLADAY, MARK W., US
[72] LAI, ANDILIY G., US
[72] ROWBOTTOM, MARTIN W., US
[72] SETTI, EDUARDO, US
[72] SPRANKLE, KELLY G., US
[71] AMBIT BIOSCIENCES CORPORATION, US
[22] 2009-03-17
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[62] 2,718,123
[30] US (61/069,763) 2008-03-17
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[51] **Int.Cl. C07F 7/12 (2006.01) H01M 10/056 (2010.01) H01M 10/0569 (2010.01)**
[25] EN
[54] **NITRILE-SUBSTITUTED SILANES AND ELECTROLYTE COMPOSITIONS AND ELECTROCHEMICAL DEVICES CONTAINING THEM**
[54] **SILANES A SUBSTITION NITRILE ET COMPOSITIONS ELECTROLYTIQUES ET DISPOSITIFS ELECTROCHIMIQUES LES CONTENANT**
[72] PENA HUESO, JOSE ADRIAN, US
[72] OSMALOV, DAVID, US
[72] DONG, JIAN, US
[72] USREY, MONICA, US
[72] POLLINA, MICHAEL, US
[72] WEST, ROBERT, US
[71] SILATRONIX, INC., US
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[51] **Int.Cl. C07C 43/15 (2006.01) A01N 25/30 (2006.01)**
[25] EN
[54] **ALCOHOL ALKOXYLATES AS ADJUVANTS FOR AGROCHEMICAL FORMULATIONS**
[54] **ALCOXYLATES D'ALCOOL COMME ADJUVANTS POUR FORMULATIONS AGROCHIMIQUES**
[72] BELL, GORDON ALASTAIR, GB
[71] SYNGENTA PARTICIPATIONS AG, CH
[22] 2010-04-23
[41] 2010-10-28
[62] 2,758,627
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[51] **Int.Cl. C09K 5/04 (2006.01) A61K 31/035 (2006.01) A61P 23/02 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING FLUORINE SUBSTITUTED OLEFINS**
[54] **COMPOSITIONS CONTENANT DES OLEFINES A SUBSTITUTION FLUOR**
[72] SINGH, RAJIV R., US
[72] PHAM, HANG T., US
[72] WILSON, DAVID P., US
[72] THOMAS, RAYMOND H., US
[72] SPATZ, MARK W., US
[72] METCALF, DAVID A., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2006-06-26
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[62] 2,612,986
[30] US (60/693,853) 2005-06-24
[30] US (11/475,605) 2006-06-26

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[13] A1
[51] **Int.Cl. B01D 11/00 (2006.01) B01J 37/03 (2006.01)**
[25] EN
[54] **COMPOSITIONS CONTAINING FLUORINE SUBSTITUTED OLEFINS**
[54] **COMPOSITIONS CONTENANT DES OLEFINES A SUBSTITUTION FLUOR**
[72] SINGH, RAJIV, R., US
[72] PHAM, HANG T., US
[72] WILSON, DAVID P., US
[72] THOMAS, RAYMOND H., US
[72] SPATZ, MARK W., US
[72] METCALF, DAVID A., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2006-06-26
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[62] 2,822,739
[30] US (60/693,853) 2005-06-24
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[51] **Int.Cl. B24D 5/10 (2006.01) B24D 3/00 (2006.01)**
[25] EN
[54] **ABRASIVE ARTICLE HAVING A NON-UNIFORM DISTRIBUTION OF OPENINGS**
[54] **ARTICLE ABRASIF A REPARTITION IRREGULIERE D'OUVERTURES**
[72] SETH, ANUJ, US
[72] DINH-NGOC, JULIE M., US
[72] RAMAN, VIVEK CHERUVARI KOTTIETH, CA
[72] KRUPA, PAUL A., US
[72] GARRAH, JAMES M., CA
[71] SAINT-GOBAIN ABRASIVES, INC., US
[71] SAINT-GOBAIN ABRASIFS, FR
[22] 2012-12-31
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[25] EN
[54] **HIGH PURITY HEPARIN AND PRODUCTION METHOD THEREFOR**
[54] **HEPARINE DE PURETE ELEVEE ET PROCEDE DE PRODUCTION ASSOCIE**
[72] MUGURUMA, MICHIO, JP
[72] MURATA, HIROSHI, JP
[71] FUSO PHARMACEUTICAL INDUSTRIES, LTD., JP
[71] UNIVERSITY OF MIYAZAKI, JP
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[41] 2012-03-22
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[30] JP (2010-205310) 2010-09-14

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[51] **Int.Cl. A61F 7/00 (2006.01) A61F 7/10 (2006.01)**
[25] EN
[54] **DEVICE, SYSTEM AND METHOD OF REMOVING HEAT FROM SUBCUTANEOUS LIPID-RICH CELLS**
[54] **DISPOSITIF, SYSTEME ET PROCEDE D'ELIMINATION DE CHALEUR A PARTIR DE CELLULES RICHES EN LIPIDE SOUS-CUTANEES**
[72] BAKER, MARK, US
[72] COAKLEY, JOSEPH, US
[72] MARTENS, PAUL WILLIAM, US
[72] OLLERDESSEN, ALBERT L., US
[72] PENNYBACKER, WILLIAM PATRICK, US
[72] ROSEN, JESSE NICASIO, US
[72] YEE, PETER, US
[72] ALLISON, JOHN W., US
[72] WEBER, BRYAN, US
[71] ZELTIQ AESTHETICS, INC., US
[22] 2010-04-30
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[62] 2,760,610
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[25] EN
[54] **A METHOD TO IDENTIFY DISEASE RESISTANT QUANTITATIVE TRAIT LOCI IN SOYBEAN AND COMPOSITIONS THEREOF**
[54] **PROCEDE D'IDENTIFICATION DE LOCUS QUANTITATIFS RESISTANT AUX MALADIES DANS LE SOJA, ET COMPOSITIONS ASSOCIEES**
[72] BALEY, GEORGE JAMES, US
[72] BUTRUILLE, DAVID VINCENT, US
[72] EATHINGTON, SAMUEL R., US
[72] HAVERDINK, MICHAEL D., US
[72] KRUGER, WARREN M., US
[72] LEDEAUX, JOHN ROBERT, US
[72] CONCIBIDO, VERGEL C., US
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[72] PITKIN, JOHN W., US
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[54] **AGENCEMENT, SUPPORT EN FORME DE BOUCLE, VALVULE CARDIAQUE PROTHETIQUE ET PROCEDE DE REPARATION OU DE REMPLACEMENT D'UNE VALVULE CARDIAQUE NATIVE**
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[71] ATELIER D'USINAGE JULES ROBERGE INC., CA
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[54] **PROCEDES DE REALISATION DE CONSTRUCTIONS MEDICALES DE FIBRE DE COLLAGENE ET DE CONSTRUCTIONS MEDICALES AFFERENTES, Y COMPRIS DE GUIDES NERVEUX ET DE TIMBRES TRANSDERMIQUES**
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[72] PAN JUNLIANG, US
[72] GRUDZINSKA, JOANNA, DE
[72] VOTSMEIER, CHRISTIAN, DE
[72] TEBBE, JAN, DE
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[72] WOBST, NINA, DE
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[54] **APPAREIL ET METHODE DE CRYOGRANULATION D'UNE COMPOSITION PHARMACEUTIQUE**
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[54] **AMORCES A PERCUSSION NON TOXIQUES ET PROCEDE DE PREPARATION DE CELLES-CI**
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[72] SANDSTROM, JOEL LEE, US
[72] JOHNSTON, GENE, US
[72] NORRIS, NEAL, US
[72] BRAUN, PATRICK, US
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[54] **PROTHESE SCLERALE POUR TRAITER LA PRESBYTIE ET D'AUTRES TROUBLES OCULAIRES ET DES DISPOSITIFS ET PROCEDES CORRESPONDANTS**
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[72] WILLIAMSON, DOUGLAS C., US
[72] ZDENEK, GENE W., US
[72] RICHARDSON, PETER J., GB
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[54] **ATTRIBUTION DE COEFFICIENTS POUR DIFFERENTS OBJETS SUR LA BASE D'UN TRAITEMENT DE LANGAGE NATUREL**
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[54] **SYSTEME ET PROCEDE D'AMORCAGE POUR SYSTEMES DE DIALYSE**
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[72] HERING, MARTIN, US
[72] ISAKSON, FRANK, US
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[72] LOHR, CHARLES B., US
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[72] STEWART, TERRY L., US
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[54] **SYSTEMES, PROCEDES ET APPAREIL PERMETTANT UNE COMPENSATION ACTIVE D'ELEMENTS DE PROCESSEUR QUANTIQUE**
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[72] KEY, ALBERT L., US
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[54] **INDUCTION D'ACTIVITE ENZYMATIQUE DANS DES BACTERIES PRODUISANT DU NITRILE HYDRATASE**
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[72] DRAGO, GENE K., US
[72] GANGULY, SANGEETA, US
[71] GEORGIA STATE UNIVERSITY RESEARCH FOUNDATION, INC., US
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[54] **MANIPULATION DE DONNEES D'UN RESEAU DE GEOPHONES A MULTI-COMPOSANT POUR IDENTIFIER DES CONDITIONS DE FOND**
[72] ROCHFORD, BRIAN, CA
[72] ARBEAU, JOHN, CA
[72] RANGEL, JIM, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[72] USELTON, ROBERT B. "DUTCH", US
[71] LENNOX INDUSTRIES INC., US
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[54] **IMPLANTS LACRYMAUX ET PROCEDES ASSOCIES**
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[72] RUBINCHIK, VALERY, CA
[72] KJELLBOTN, CHARLES R., CA
[71] MATI THERAPEUTICS, INC., US
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[54] **FORMULATIONS TOPIQUES CONTENANT LE CO-ENZYME Q10 ET TRAITEMENT DE LA DOULEUR, DE LA FATIGUE ET DES PLAIES**
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[72] NARAIN, NIVEN R., US
[72] PERSAUD, INDUSHEKHAR, US
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[72] DAVIS, GREGORY D., US
[71] SIGMA-ALDRICH CO. LLC, US
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[71] OMACHRON INTELLECTUAL PROPERTY INC., CA
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[51] **Int.Cl. C07K 16/30 (2006.01) C12N 5/078 (2010.01) C07K 14/705 (2006.01) C07K 16/28 (2006.01) C12N 5/16 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **GENERATION OF A CANCER-SPECIFIC IMMUNE RESPONSE TOWARD MUC1 AND CANCER SPECIFIC MUC1 ANTIBODIES**
[54] **GENERATION D'UNE REPONSE IMMUNE SPECIFIQUE DU CANCER CONTRE MUC1 ET ANTICORPS DIRIGES CONTRE MUC1 SPECIFIQUES DU CANCER**
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[72] BURCHELL, JOY, GB
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[72] SORENSEN, ANNE LOUISE, DK
[72] TARP, MADS AGERVIG, DK
[72] TAYLOR-PAPADIMITRIOU, JOYCE, GB
[71] KOBENHAVNS UNIVERSITET, DK
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[22] 2007-10-04
[41] 2008-04-10
[62] 2,665,356
[30] US (60/848,997) 2006-10-04

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EGGERSMANN, KARLGUNTER 2,900,206
EHM, MATTHIAS 2,681,287
EHRESMAN, DERIK 2,957,891
EHRESMAN, DERIK 2,957,895
EHRESMAN, DERIK 2,957,907
EHRESMAN, DERIK 2,957,909
EHRESMAN, DERIK 2,960,018
EIBON, WILLIAM E. 2,904,315
EISENMANN ANLAGENBAU GMBH & CO. KG 2,715,404
EL-RABAA, ABDEL WADOOD MOHAMMED 2,799,618
ELECTRIC POWER RESEARCH INSTITUTE, INC. 2,846,091
ELEMENT SIX GMBH 2,748,867
ELLRINGMANN, KAI 2,674,847
ELLUL-BLAKE, JACOB 2,778,092
EMERGIS INC. 2,447,244
EMPL, GUNTER 2,892,746
ENGEL, ANDY 2,757,146
ENGEL, MICHAEL J. 2,835,511
ENGLISH, STEPHEN T. 2,763,995
ENI S.P.A. 2,778,330
ENTCHEV, PAVLIN B. 2,799,618
ENTWISLE, JOHN RICHARD 2,876,062
ENVIRONMENTAL MANAGEMENT CONFEDERATION, INC. 2,903,750
EPARS, YANN 2,761,127
EPPLER, WOLFGANG 2,892,746
EPSILON KRAN GMBH. 2,806,697
EQUISTAR CHEMICALS, LP 2,937,657
ERCOLE, EMMANUEL 2,867,677
ERICKSON, JACK 2,683,375
ESPINOSA, ESPINOSA, EDWARD S. 2,867,677
ETHICON ENDO-SURGERY, INC. 2,582,520
ETHICON ENDO-SURGERY, INC. 2,698,059
EURO-CELTIQUE S.A. 2,510,223
EVONIK DEGUSSA GMBH 2,713,687
EWM EICHELHARDTER WERKZEUG- UND MASCHINENBAU GMBH 2,951,070
EXXONMOBIL CHEMICAL PATENTS INC. 2,917,692
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,799,618
F. HOFFMANN-LA ROCHE AG 2,759,598
F. HOFFMANN-LA ROCHE AG 2,769,043
F. HOFFMANN-LA ROCHE AG 2,846,758
F. HOFFMANN-LA ROCHE AG 2,891,731
FABOZZI, THIERRY JEAN ROBERT 2,761,127
FACEBOOK, INC. 2,881,940
FACEBOOK, INC. 2,882,360
FALCON WATER SOLUTIONS LTD. 2,672,316
FALLER, CRAIG N. 2,582,520
FAM, HAN BOR 2,704,944
FAN, HAO 2,913,188
FANG, JIANMIN 2,831,161
FANG, YONGGANG 2,714,421
FARIA, NUNO JORGE RODRIGUES 2,732,226
FARLEY, JOHN 2,463,476
FARQUHARSON, KEITH DAVID 2,777,203
FARRA, ROBERT 2,899,076
FASINO, DOMINIC 2,867,677
FAST FUSION, LLC 2,837,007
FEHER, MIKLOS 2,694,724
FEITISCH, ALFRED 2,893,089
FENELON, PAUL J. 2,852,249
FENIX OUTDOOR AB 2,767,287
FERENZ, MICHAEL 2,713,687
FIEDLER, RALF 2,788,740
FIELD, GRANT ANDREW 2,795,788
FIELDING, ANDREW 2,742,553
FIELDING, TIM 2,684,559
FILION, LUCIEN 2,870,802
FISCHBACH, JEAN-PAUL 2,866,713
FISCHER, BODO 2,681,287
FISHER CONTROLS INTERNATIONAL LLC 2,780,521
FLEMING, SCOTT 2,767,019
FLESHER, ALAN R. 2,836,123
FLETCHER, LEAH D. 2,463,476
FLEXITALLIC INVESTMENTS INC. 2,753,752
FLOHR, ALEXANDER 2,846,758
FLOWERS, JEFFREY C. 2,794,341
FLSMIDTH A/S 2,955,980
FOLEY, JOHN DEVLIN 2,704,947
FOOTE, DEAN 2,711,654
FOOTE, DEAN 2,711,700
FORD GLOBAL TECHNOLOGIES, LLC. 2,707,868
FORD, TIMOTHY D.F. 2,857,896
FORREST, BRYAN T. 2,694,724
FORSBACH, CHRISTIAN 2,699,028
FOSTER, JAMES JOSEPH 2,708,779
FOUGERE, RICHARD J. 2,769,185
FRANCHET, JEAN-MICHEL PATRICK MAURICE 2,789,862
FRANKE, ROLAND R. 2,733,837
FRANZ HAIMER MASCHINENBAU KG 2,863,269
FRASER, DONALD E. 2,666,041
FRAUNDORFER, JOHANNES 2,759,591
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,629,881
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,836,858
FREI, JOE 2,699,847
FREIDLITZ, LARS 2,961,556
FRENKEL, MOSHE 2,787,249
FREUDENBERG-NOK GENERAL PARTNERSHIP 2,901,723
FRICTIONLESS WORLD LLC 2,850,939
FRIEBE, MATTHIAS 2,801,530
FRIEND, DAVID 2,794,341
FRIPP, MICHAEL L. 2,896,147
FRITON, MICHAEL R. 2,897,461
FRITSCHE, JENS 2,793,490
FROMAN, BYRON 2,737,595
FU, XIAOPING 2,755,827
FUCHS, GUILLAUME 2,836,858
FUENZALIDA DIAZ, MIGUEL ANGEL 2,753,274
FUJITSU LIMITED 2,812,830
FUKUDA, MASAKAZU 2,781,768
FUNATO, TOSHIYUKI 2,863,378
FURMAN, SCOTT 2,756,686
FUSI, ROBERT W., II 2,769,185
FWU, JONG-KAE 2,868,041
GADBERRY, JAMES F. 2,835,511
GADDY, JAMES M. 2,637,125
GAFFNEY, ANNE MAE 2,770,311
GAGLIARDI, STEFANIA 2,783,213
GAHIER, VANESSA 2,767,502
GALA INDUSTRIES, INC. 2,766,052
GALIA, ERIC 2,766,172
GALIC, SASA 2,789,813
GALLAGHER, MICHAEL J. 2,938,290
GALLAGHER, REX T. 2,733,837
GALLIE, DANIEL R. 2,529,658
GALLIVER, WESLEY JOHN 2,845,265
GAN, KEVIN 2,447,244
GANGOLI, SHAILESH PRADEEP 2,938,290
GAO, XIAOHUA 2,913,188
GARCIA MARTINEZ, RAFAEL ALBERTO 2,749,800

GARCIA, GUSTAVO MARCELO 2,903,414
GARKE, GUNNAR 2,801,530
GAUTCHIER, PETER M. 2,637,125
GAUUAN, POLIVINA JOLICIA F. 2,792,941
GE HEALTHCARE AS 2,710,422
GE HEALTHCARE BIO-SCIENCES AB 2,724,870
GE HEALTHCARE BIO-SCIENCES CORP. 2,768,997
GE RENEWABLE TECHNOLOGIES 2,775,458
GEHLHAUSEN, CARL 2,957,727
GEIGER, RALF 2,836,858
GEISNER, KEVIN 2,753,051
GEISSLER, ANJA 2,766,172
GEISSLER, ANJA 2,767,888
GEN-PROBE INCORPORATED 2,723,726
GENENTECH, INC. 2,656,622
GENESIS TECHNICAL SYSTEMS CORP. 2,709,413
GENZYME CORPORATION 2,581,714
GEORGIA-PACIFIC CHEMICALS LLC 2,887,015
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,760,805
GERAGHTY, EDWARD 2,685,203
GERG, JAMES 2,733,827
GERG, JAMES 2,742,981
GERG, JAMES 2,897,818
GERG, JAMES 2,951,889
GESTION LAFOREST INC. 2,740,563
GIARRIZZO, MICHAEL, JR. 2,753,531
GILBERTSON, LARRY A. 2,693,280
GILEAD SCIENCES, INC. 2,771,445
GILIYAR, CHANDRASHEKAR 2,879,401
GINGGEN, ALEC 2,608,482
GIVEN, PETER S., JR. 2,867,012
GLASS, KEITH 2,773,613
GNAD, FRIEDER 2,780,715
GOEKING, HAROLD J. 2,760,805
GOETSCH, LILIANE 2,744,065
GOETZ, KERSTIN 2,699,028
GOGUEN, JANE 2,447,244
GOLDENBERG, DAVID M. 2,781,717
GOMES, PAUL 2,755,679
GONG, YU 2,908,326
GONZALES, EFRAIN 2,742,397
GOODHEART, SHELDON 2,850,772
GOODMAN, BRANDON C. 2,904,445
GOOGLE INC. 2,793,903
GORALSKI, CLAUS 2,854,567
GOTTEMOLLER, THOMAS V. 2,708,779
GOTTSCHALK, THOMAS JOHN 2,905,848
GOUIN, MARCEL 2,936,512
GOURIOU, JULIE 2,767,502
GOZZARD, NEIL 2,754,539
GRACEY, BENJAMIN PATRICK 2,770,258
GRADY, LEO 2,882,543
GRANDEMENGE, ADRIEN 2,718,320
GRANGE, ANDRE 2,718,320
GRANJA, MARK 2,807,252
GRAY, LARRY B. 2,850,361
GREEN, DANIEL ALLAN 2,674,947
GREEN, MARTIN 2,562,747
GREEN, MARTIN RAYMOND 2,749,592
GREER, ALEXANDER 2,684,559
GREGG, DANE 2,914,031
GREGORY, CHRISTOPHER C. 2,911,250
GREINER, CLEMENS 2,910,906
GRIESSMANN, KORNELIA 2,766,172
GRIESSMANN, KORNELIA 2,767,888
GRIEVE, JAMES C. 2,842,477
GRIGG, NATHAN 2,775,532
GROEBKE ZBINDEN, KATRIN 2,846,758
GROEN, MITCH 2,741,579
GROOTENHUIS, PETER D. J. 2,948,104
GROS, CHARLES PRESTON 2,703,396
GROS, EUGENE 2,703,678
GROSMAN, ILAN 2,447,244
GROSS, STEVEN 2,674,187
GROTE INDUSTRIES, LLC 2,843,981
GROTE, CHRISTOPHER W. 2,738,591
GRUBE, WILLIAM E. 2,737,509
GRUENENTHAL GMBH 2,766,172
GRUENENTHAL GMBH 2,767,888
GUADAGNO, JOSEPH 2,708,677
GUANGDONG ALPHA ANIMATION & CULTURE CO., LTD. 2,906,252
GUANGDONG AULDEY ANIMATION & TOY CO., LTD. 2,906,252
GUANGZHOU ALPHA CULTURE COMMUNICATIONS CO., LTD. 2,906,252
GUERNSEY, DANIEL 2,827,941
GUERTIN, PATRICK M. 2,768,997
GULFSTREAM AEROSPACE CORPORATION 2,864,310
GUMASTE, ANAND 2,767,019
GUNDE, PETRA 2,726,572
GUNN, RANDALL SCOTT 2,811,586
GUO, TIANLE 2,725,306
GUO, TIANLE 2,777,203
GURER, CAGAN 2,804,311
GURJAR, RISHI SHANKAR 2,860,408
GURRAM, MAHENDER 2,792,941
GUTKA, JAY 2,711,821
GUZMAN PASTOR, MANUEL 2,726,258
GW PHARMA LIMITED 2,726,258
H. LUNDBECK A/S 2,751,498
H.E.F. 2,794,198
HACHIYO ENGINEERING CO., LTD. 2,898,424
HACKL, GERNOT 2,917,732
HAEHN, GUENTER 2,901,039
HAGGERTY, HELEN G. 2,836,123
HAGIOPOL, CORNEL 2,887,015
HAIMER, FRANZ 2,863,269
HAINES, JEFFREY CHRISTOPHER 2,769,691
HAJISHAH, ABRAHAM 2,733,825
HAJISHAH, ABRAHAM 2,733,827
HALD, DAVID 2,742,705
HALFYARD, KURT L. 2,702,912
HALL, BRUCE 2,705,118
HALL, CLINT FRANKLIN 2,905,848
HALLIBURTON ENERGY SERVICES, INC. 2,860,598
HALLIBURTON ENERGY SERVICES, INC. 2,889,561
HALLIBURTON ENERGY SERVICES, INC. 2,893,130
HALLIBURTON ENERGY SERVICES, INC. 2,896,147
HALLIBURTON ENERGY SERVICES, INC. 2,899,023
HALLIBURTON ENERGY SERVICES, INC. 2,915,682
HALLIBURTON ENERGY SERVICES, INC. 2,921,499
HALLIBURTON ENERGY SERVICES, INC. 2,921,688
HALLIBURTON ENERGY SERVICES, INC. 2,965,470
HALLIDAY, ANDREW 2,901,561
HAMMOND, BILLY R. 2,841,411
HAN, CHONG HUN 2,914,343
HANAZAWA, KAZUHIRO 2,887,985
HAND, BARRY J. 2,733,837
HANDLOS, WILLIAM G. 2,765,625
HANSON, REBECCA 2,867,677
HARDIN, KEITH BRYAN 2,864,731
HARICHIAN, BIJAN 2,813,328
HARJU, PHILIP N. 2,584,529
HARMONIC PHARMA 2,944,255
HARRALL, SIMON J. 2,904,445
HARRELL, SAM 2,846,091
HARRIS CORPORATION 2,851,782
HARRIS CORPORATION 2,911,110
HARRIS CORPORATION 2,957,891
HARRIS CORPORATION 2,957,895
HARRIS CORPORATION 2,957,907
HARRIS CORPORATION 2,957,909
HARRIS CORPORATION 2,960,018
HARRISON, MICHAEL D. 2,637,125
HARTER, GLENN 2,622,328
HARTIKAINEN, HELINAE 2,801,050
HARTING ELECTRIC GMBH & CO. KG 2,771,748
HARTING GLADE, THOMAS FRANCIS 2,753,274
HARTMANN, ANDREW 2,881,073
HARVEY, GERRY J. 2,789,702
HASBARGEN, MICHAEL R. 2,763,995
HASEGAWA, MASAHIRO 2,781,768
HASHA, BRIAN 2,753,752
HASTINGS, MICHAEL ANTHONY 2,664,941
HATFIELD, TOBIE D. 2,897,461
HAUN, MATTHEW RYAN 2,893,130
HAY, PETER STEWART 2,770,513
HAYASHINAKA, TERUO 2,794,691
HAYMAN, EDWARD G. 2,768,997
HAYMOND, BRADLEY J. 2,818,070
HAZAN, ZADIK 2,754,564

HE, LIN 2,881,940
HE, WEIWEI 2,866,844
HE, ZHONGCHENG 2,749,168
HEALTHWATCH LTD. 2,885,338
HEARTFLOW, INC. 2,882,543
HEDDESHEIMER, INGO 2,780,715
HEGURI, SHIN-ICHI 2,938,194
HEIDECKE, KARSTEN 2,898,158
HEITGER, HELMUT 2,780,715
HELENEK, MARY JANE 2,635,894
HELENTJARIS, TIMOTHY G. 2,529,658
HENCKE, MICHAEL 2,745,440
HENDERSHOT, REED JACOB 2,938,290
HENDRICKSON USA, L.L.C. 2,914,031
HENDRIKS, MARTINUS ADRIANUS 2,744,011
HENNESSY, DAVID R. 2,812,930
HER MAJESTY THE QUEEN, IN RIGHT OF CANADA AS REPRESENTED BY THE MINISTER OF NATURAL RESOURCES CANADA 2,893,310
HERAEUS MEDICAL GMBH 2,886,183
HERAEUS MEDICAL GMBH 2,910,906
HERSEL, ULRICH 2,786,794
HICKS, STEVEN 2,765,625
HILLIER, KATAYOUN 2,747,290
HILLIER, PETER MATTHEW 2,747,290
HINARD, MARIE-NOELLE 2,741,102
HINMAN, ANDREW W. 2,741,767
HINOVA PHARMACEUTICALS INC. 2,908,326
HIRES, GREGORY R. 2,856,509
HISADA, SHOJI 2,792,941
HLAWATSCHEK, SEBASTIAN RALF 2,748,867
HODDLE, ANDREW 2,689,333
HOFFMAN, ANDREW J. 2,637,125
HOHENSEE, RYAN 2,842,477
HOHMANN, RONALD P., JR. 2,809,061
HOLDERMAN, LUKE WILLIAM 2,896,147
HOLMDAHL, RIKARD 2,629,881
HOLMES, COLIN J. 2,742,780
HOLMSTROEM, GERT 2,763,260
HOLZ, JEFFREY DEAN 2,934,080
HOMESTAD, OLE MAGNE 2,710,422
HOMMA, TOSHIHIKO 2,781,768
HONG, SUNGRYONG 2,921,664
HONG, WEI 2,920,018
HONGTA TOBACCO (GROUP) CO., LTD. 2,913,188
HOONG, SIM LEE 2,804,454
HORN, DANIEL J. 2,735,840
HORTON, INC. 2,812,930
HOSIAWA, KAROLINA A. 2,804,311
HOU, NANNAN 2,892,902
HOUSER, KEVIN L. 2,582,520
HOWE, CHRISTOPHER D. 2,733,837
HOWLETT, DAVID J. 2,850,361
HOYES, JOHN 2,753,752
HOYING, DAVID J. 2,735,398
HSIEH, HAN-WEI 2,883,582
HU, WEIHUA 2,673,956
HUANG, HUAZHANG 2,759,124
HUANG, NIU 2,892,902
HUANG, RUI 2,868,041
HUANG, YAFAN 2,727,564
HUAWEI TECHNOLOGIES CO., LTD. 2,673,956
HUDA, STEPHEN P. 2,906,210
HUEBINETTE, FREDRIK 2,757,419
HUI, JONATHAN W. 2,920,018
HUNTER DOUGLAS INC. 2,664,294
HUNTER DOUGLAS INC. 2,666,041
HUNTER, TIMOTHY 2,733,825
HUNTLEY, RAYMOND 2,792,941
HURT, DAVID W. 2,766,052
HUSAIN, SYED SHAUKAT 2,861,071
HUSKY INJECTION MOLDING SYSTEMS LTD. 2,895,845
HUSQVARNA AB 2,961,556
HUVAL, CHAD 2,745,440
HUWYLER, MARKUS 2,775,458
HWANG, MICHAEL 2,845,292
HYNNA, KAI MICHAEL 2,939,262
IBC PHARMACEUTICALS, INC. 2,781,717
ICESUN VACUUM GLASS LTD. 2,888,398
ICHIKAWA, KENTAROU 2,868,092
ID8 GROUP R2 STUDIOS, INC. 2,622,328
IDA, NOBUO 2,716,565
IDEAL PRODUCTS OF CANADA 2,879,611
IDEN, MARLIN 2,767,287
IDEXX LABORATORIES, INC. 2,584,529
IFP ENERGIES NOUVELLES 2,669,528
IGARASHI, TATSUYA 2,912,930
IINO, HIROKI 2,868,092
IKEDA, OSAMU 2,938,194
IKEDA, YOSUKE 2,863,378
IKEDA, YUSUKE 2,863,378
ILLIDGE, ED 2,743,371
IMAI, MARIKO 2,912,930
IMMATICS BIOTECHNOLOGIES GMBH 2,793,490
IMWINKELRIED, THOMAS 2,726,572
INAGAKI, TAKAHIRO 2,863,378
INGMARSSON, KARL 2,795,788
INOO, KATSUYUKI 2,783,964
INOUE, HIROTAKA 2,887,985
INSTITUT CURIE 2,944,255
INSTITUTE OF NATIONAL COLLEGES OF TECHNOLOGY, JAPAN 2,898,424
INTEL CORPORATION 2,868,041
INTRION NV 2,929,005
INVENTIO AG 2,775,635
ISAACKS, SCOTT J. 2,837,297
ISAACS, KAREN M. 2,582,520
ISHIZUKA, KIYOKAZU 2,895,319
ITO, YASUHIRO 2,920,874
IVANOVA, NATALIA 2,787,249
IWASAKI, NORIMASA 2,912,930
JACKSON, RONALD 2,911,110
JACOB, STANLEY W. 2,742,397
JACOBSON, JERRY I. 2,734,992
JACOMINO, JEAN-MARIE 2,718,320
JACOT, DOUGLAS S. 2,711,821
JAHNS, ROLAND 2,602,763
JAHNS, VALERIE 2,602,763
JAKOB-ROETNE, ROLAND 2,759,598
JAMES, MARTYN ROLAND 2,799,991
JAMLYARIA, JAMAL 2,753,752
JANG, KE-CHI 2,755,670
JANKOWSKI, ORION D. 2,741,767
JARVO, JIM R. 2,697,315
JAYARAM, SHIV 2,905,848
JELLEY, SIMON 2,901,561
JENKINS, DAVID M. 2,792,941
JENKINS, MAURICE A. 2,802,032
JENSEN, ERIK D. 2,818,070
JEONG, YEONG SU 2,914,343
JFE STEEL CORPORATION 2,887,985
JFE STEEL CORPORATION 2,907,507
JFE STEEL CORPORATION 2,907,514
JI, CHANGGAN 2,914,957
JOHN L. GUNN TRUST 2,811,586
JOHN, CORINNE 2,760,524
JOHNS, BENJAMIN 2,677,076
JOHNSON, GLEEN ALLEN 2,866,844
JOHNSON, JAMES H. 2,733,837
JOHNSON, JR., JOHN E. 2,738,591
JOHNSON, MATTHEW P. 2,911,250
JOHNSTON, GENE 2,683,375
JOINLOCK PTY LTD 2,835,240
JONELY, MICHAEL B. 2,879,857
JONES, CHRISTOPHER MICHAEL 2,921,499
JONES, JOHN S. 2,668,191
JONES, SCOTT J. 2,843,981
JONES, THOMAS 2,867,677
JOSHI, RAJAN LAXMAN 2,844,138
JOURDAIN, CEDRIC 2,738,224
JOUVE, JEREMY 2,914,331
JT INTERNATIONAL S.A. 2,739,758
JUCHUM, JOHN S. 2,733,837
JULIUS-MAXIMILIANS-UNIVERSITAET WUERZBURG 2,602,763
JUNG, JAE HEUM 2,914,343
JURS, JOSHUA 2,770,615
K-FEE SYSTEM GMBH 2,892,746
KAATSU JAPAN CO., LTD. 2,874,575
KABUSHIKI KAISHA YAKULT HONSHA 2,753,103
KAEPPNER, BENJAMIN HANS 2,903,750
KALGAONKAR, RAJENDRA A. 2,921,688
KALLAN, NICHOLAS C. 2,656,622
KANE, DEREK G. 2,850,361
KANEO, HIDETOSHI 2,898,424
KANGASMETSA, JUSSI J. 2,860,382
KAPLAN, DESMOND ALLEN 2,813,443
KAPS, RYAN 2,812,734
KARABOGA, ARNAUD SINAN 2,944,255
KARAKI, TADAHIKO 2,871,576
KARAS, LAWRENCE JOHN 2,770,311
KARAVITIS, MICHAEL 2,788,891

KARCZEWICZ, MARTA 2,828,556
KARCZEWICZ, MARTA 2,844,138
KARGBO, ROBERT B. 2,792,941
KASAHARA, FUMIYOSHI 2,912,930
KASAHARA, YASUHIKO 2,912,930
KATAYAMA, AKIKO 2,783,964
KATO, CHRISTOPHER 2,672,316
KATO, SATOSHI 2,862,829
KAUL, JOE 2,765,625
KAWAMICHI, MIEKO 2,885,651
KAWAMURA, DAISUKE 2,912,930
KAWASAKI, KAORU 2,862,829
KAYE, GORDON E. 2,808,855
KEENER, DAVID J. 2,668,191
KELA, TIMO 2,894,293
KELLER, LUTZ 2,893,089
KELLY, DOUG 2,664,941
KELLY, JAMES MICHAEL 2,674,187
KENNY, DANIEL JAMES 2,749,592
KENT, GREGORY S. 2,735,398
KEPCO ENGINEERING & CONSTRUCTION COMPANY, INC. 2,914,343
KERBER, KRISTIN 2,674,847
KERSTEN, ROY 2,907,747
KEURIG GREEN MOUNTAIN, INC. 2,763,746
KEWALRAMANI, VIKRAM 2,823,062
KHANDELWAL, ALOK 2,704,947
KIGAMI, SHOGO 2,911,680
KIHLBERG, JAN 2,629,881
KIM, DEOK HO 2,914,343
KIMBERLY-CLARK WORLDWIDE, INC. 2,934,080
KIMIA, BENJAMIN 2,529,576
KINUGASA, YUKI 2,911,680
KINZEL, OLAF 2,771,445
KIRK, DOUGLAS 2,753,531
KIRKLEY, DAVID H. 2,836,123
KLAMT, THOMAS 2,775,458
KLATYK, JENS 2,788,740
KLEIN, GILLES CHARLES CASIMIR 2,789,862
KLEINEDLER, JAMES JOHN, III 2,704,947
KLETHI, THIERRY 2,768,870
KLOPFENSTEIN, ANITA K. 2,664,941
KNOTT, WILFRIED 2,713,687
KO, WOOSUK 2,921,664
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FREDETTE, MARC 2,977,429
FREITAG, NICOLE 2,974,466
FROHLICH, SAMAN 2,973,509
FUELCELL ENERGY, INC. 2,977,016
FUJITSU LIMITED 2,976,880
FUKE, KAZUHIRO 2,976,881
FUKE, KAZUHIRO 2,976,882
FULMER, MIKE 2,975,297
FURRER, ETIENNE 2,975,544
GADAMSETTY, RAJESH KUMAR VENKATA 2,975,177
GAFFNEY, KEVIN J. 2,953,064
GALINDO, KAY ANN 2,973,981
GALKA, CHRISTOPHER STANLEY 2,976,636
GANSHOF VAN DER MEERSCH, NICOLAS 2,975,443
GARBIN, GIUSEPPE 2,969,632
GARCIA-RODENAS, CLARA LUCIA 2,952,767
GARDNER DENVER PETROLEUM PUMPS, LLC 2,977,069
GARIBAY, MANUEL 2,973,196
GARRISON, MICHI E. 2,977,072
GARZA, TIMOTHY Z. 2,974,358
GAUDREAU, SIMON 2,976,976
GAVEAU, ALEXIS 2,973,677
GBRIC, DJORJDE 2,976,976
GE NUTRIENTS, INC. 2,977,059

GE OIL & GAS PRESSURE CONTROL LP 2,973,196
GEDDIS, BRIAN 2,973,908
GEILLERSDORFER, INGO 2,974,056
GEIM, ANDRE K. 2,961,293
GEISEN, CHRISTOF 2,977,436
GEITNER, WERNER 2,974,056
GELS, DOUGLAS R. 2,977,260
GENERAL ELECTRIC COMPANY 2,970,285
GENERAL ELECTRIC COMPANY 2,970,287
GENERALE BISCUIT 2,976,996
GENOSTAR 2,977,353
GEO-TECH POLYMERS, LLC 2,977,229
GEO-TECH POLYMERS, LLC 2,977,248
GEO-TECH POLYMERS, LLC 2,977,260
GEORGES, VANESSA 2,977,429
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,958,904
GERLING, DETLEV 2,974,040
GERMAN, GALEN 2,958,617
GERMANI, DAMIEN 2,960,084
GETHER, STEPHAN 2,974,861
GHESHMI, SIAVASH 2,977,099
GHEZEL-AYAGH, HOSSEIN 2,977,016
GIBSON, MARK T. 2,958,288
GILBERT, MARK 2,975,395
GILHAM, DEAN 2,977,308
GILLIAM, SONJA 2,977,327
GINGRAS, DAVID 2,977,107
GINGRAS, DAVID 2,977,174
GIZAW, YONAS 2,976,924
GLASER, URSULA CHRISTINA 2,976,924
GLENAIR, INC. 2,969,975
GLICKSMAN, AMI 2,976,876
GLOBALTECH CORPORATION PTY LTD 2,966,912
GLOCKNER, ANDREAS 2,974,312
GODECKE, ANDREAS 2,973,156
GOFFART, FLORIAN 2,973,677
GOMEZ, ALBA 2,960,112
GONG, BAOQING 2,976,981
GOODALL, SHARON 2,976,992
GOODE, MARK G. 2,959,517
GOODE, MARK G. 2,959,523
GOODE, MARK G. 2,959,524
GOOGLE INC. 2,975,251
GORAL, DAVID 2,975,414
GORALTCHOUK, ALEXEI 2,977,060
GOREN, AHMET CEYLAN 2,977,170
GOTTSCHALK, ANDREW L. 2,969,529
GRABMEIER, RICHARD 2,977,049
GRAY, JOHN DIXON 2,977,257
GRECO, PAUL M. 2,976,955
GRECO, VALENTINA 2,951,808
GREEN ON INDUSTRIES INC. 2,977,259
GREEN, OMAR 2,976,963
GREFENSTEIN, ACHIM 2,974,056
GREIM, OLIVIER 2,975,654
GRIFFIN, BRUCE M. 2,974,435
GRIGORIEV, VLADIMIR 2,958,161
GROSS, KEVIN R. 2,959,517
GROSS, KEVIN R. 2,959,523
GROSS, KEVIN R. 2,959,524
GROSS, THOMAS D. 2,957,471
GROSSE, STEPHAN 2,976,517
GROSZ, GREGORY CHRISTOPHER 2,974,093
GRUMPE, HEINZ-ULRICH 2,974,466
GRUNDMANN, JORN 2,975,339
GUANGZHOU SEAGULL KITCHEN AND BATH PRODUCTS CO., LTD 2,957,889
GUARAGNO, KENNETH R. 2,977,158
GUARRERA, F.J. 2,975,297
GUEST, FLOYD JAMES 2,977,167
GUHL, ALEXANDER 2,974,040
GULBRANDSEN, PEDER JOHN 2,974,356
GUNTER, PROPSTER 2,975,338
GUO, PENG 2,955,258
GURFINKEL, JONATHAN 2,977,430
GUY, JEFFREY JUSTIN 2,975,395
GUYOT, CLEMENT 2,970,116
HA, IL HO 2,975,988
HA, IL HO 2,975,995
HAAG, LARS 2,964,777
HAHM, MARK 2,976,923
HAIMOFF, EFRAIM 2,959,286
HALAVEE, URIEL 2,977,341
HALL, EDWARD ROBERT 2,977,291
HALLIBURTON ENERGY SERVICES, INC. 2,973,981
HALLIBURTON ENERGY SERVICES, INC. 2,974,093
HALLIBURTON ENERGY SERVICES, INC. 2,974,107
HALLIBURTON ENERGY SERVICES, INC. 2,974,110
HALLIBURTON ENERGY SERVICES, INC. 2,974,111
HALLIBURTON ENERGY SERVICES, INC. 2,974,332
HALLIBURTON ENERGY SERVICES, INC. 2,974,493
HALLIBURTON ENERGY SERVICES, INC. 2,974,507
HALLIBURTON ENERGY SERVICES, INC. 2,975,434
HALLIBURTON ENERGY SERVICES, INC. 2,977,218
HALLIDAY, CHRISTOPHER R.A. 2,977,308
HALOSOURCE, INC. 2,958,196
HANDE, RUPALI PRAKASH 2,977,331
HANDLER, WILLIAM BRADFIELD 2,977,407
HANDLER, WILLIAM BRADFIELD 2,977,408
HANSSON, OLOF N. 2,958,288
HAPPIEST BABY, INC. 2,977,390
HAR, DENIS 2,976,981
HARRIS, CHAD TYLER 2,977,406
HARRIS, CHAD TYLER 2,977,407
HARRIS, CHAD TYLER 2,977,408
HARRIS, GRAHAM MICHAEL 2,960,770
HARRIS, GUY GARDNER 2,975,079
HARRISON, JOEL PATRICK 2,957,417
HART, IAN 2,977,060
HARTING ELECTRIC GMBH & CO. KG 2,972,117
HARTING ELECTRIC GMBH & CO. KG 2,972,119
HATCH LTD. 2,977,410
HAYTON, MARK 2,976,987
HE, TAO 2,977,377
HE, YANYAN 2,977,377
HEARTLEIN, MICHAEL 2,953,265
HEATER, KENNETH J. 2,977,260
HEAVELOCK AS 2,974,280
HECHT, SIDNEY 2,976,937
HEEREN, TAMMO 2,961,062
HEILIGENSTEIN, ADAM 2,976,904
HEINAMAKI, PASI 2,958,709
HEMBRE, ERIK JAMES 2,976,636
HEMMES, JAN-LUIKEN 2,958,161
HENDRICKSON COMMERCIAL VEHICLE SYSTEMS EUROPE GMBH 2,973,616
HENNY, CARRIE 2,975,297
HENROT, FABIEN 2,970,116
HEPWORTH, RICHARD 2,976,992
HERRLEIN, MATHIAS KURT 2,976,924
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 2,974,804
HEYNINCK, JAN 2,977,158
HICKMAN, GLENN M. 2,977,025
HIETANIEMI, MATTI 2,957,694
HIETANIEMI, MATTI 2,958,161
HILL, RAYMOND 2,966,912
HIROSE, TADASHI 2,976,881
HIROSE, TADASHI 2,976,882
HIWATARI, KEN-ICHIRO 2,977,462
HL DISPLAY AB 2,973,541
HLAVINKA, DENNIS J. 2,957,407
HO, STANLEY 2,975,035
HOCKING, KYLE MITCHELL 2,975,604
HODGSON, KIM 2,974,099
HOFMEYR, PIERRE KAREL 2,977,255
HOGAN, JOHN F. 2,960,430
HOHENSTEIN, BOYNE FRIEDERICH 2,977,255
HOLLISTER INCORPORATED 2,974,684
HOLT, CHRIS 2,974,136
HONDA MOTOR CO., LTD. 2,976,968
HONDA MOTOR CO., LTD. 2,977,011
HONDA MOTOR CO., LTD. 2,977,112
HONDA MOTOR CO.,LTD. 2,976,967
HONDA TOMOKAZU 2,977,011
HONDA, TOMOKAZU 2,976,968
HONIGSCHMIDT, NICHOLAS ALLAN 2,976,636
HORNER, M. GLENN 2,973,953
HORSTINK, WOUTER 2,974,032
HOSOMI, SHOHEI 2,976,886
HOSTETLER, WILLIAM 2,977,049
HOWARD, KELVAN 2,970,746
HU, XU 2,977,026
HUANG, WEI HSUAN 2,977,218
HUANG, YUHONG 2,955,713

HUDEC, CHRISTOPHER 2,977,319
HUHMANN, ANDREAS 2,972,119
HUISMAN WELL TECHNOLOGY 2,974,490
HUMMEL, MICHELE 2,977,367
HUNDLEY, DAVID M. 2,976,910
HUNDLEY, JOSEPH W. 2,976,910
HUNTER, RICK C. 2,973,196
HUNTRESS, JOHN 2,976,458
HUOT CARLSON, JENNIFER CAITLIN 2,976,510
HUSKY INJECTION MOLDING SYSTEMS LTD. 2,977,296
HUSQVARNA AB 2,977,327
HUTCHINSON, SAMANTHA JANE 2,960,775
HUVENAARS, DAN 2,977,164
HYOSUNG CORPORATION 2,972,225
ICELL GENE THERAPEUTICS LLC 2,977,106
IDEXX LABORATORIES, INC. 2,959,327
IDEXX LABORATORIES, INC. 2,977,062
IFTKHAR, MOHAMMED RASHID 2,974,168
IHC HOLLAND IE B.V. 2,959,304
IHI CORPORATION 2,977,064
ILLINOIS TOOL WORKS INC. 2,970,277
ILLINOIS TOOL WORKS INC. 2,970,459
ILLINOIS TOOL WORKS INC. 2,972,027
IMAMURA, TAKESHI 2,977,208
IMBRECHT, RICK 2,977,225
IMI, ATTILIO 2,973,810
IMMUNE BIOSOLUTIONS INC. 2,976,976
IMP GROUP (PTY) LTD 2,977,255
IMPLITE LTD. 2,976,876
INADA, YOICHI 2,976,623
INGBER, GAL 2,977,430
INGRAM, AARON N. 2,975,173
INNOFLEX INCORPORATED 2,960,430
INOUE, MIKIO 2,977,344
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE 2,974,499
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE 2,977,256
INSTITUT PASTEUR 2,977,353
INSULET CORPORATION 2,977,053
INTELLIGENT VIRUS IMAGING INC. 2,964,777
INTERCONTINENTAL GREAT BRANDS LLC 2,974,136
INTERPLEX INDUSTRIES, INC. 2,977,045
INVENTIO AG 2,974,232
IOFFE, SERGEY 2,975,251
IONICA SCIENCES 2,976,963
IRVING, COLIN 2,977,164
ISHIKAWA, NOBUYUKI 2,977,017
ISMAIL, SURINA 2,977,336
ISOGAI, EIJI 2,977,205
ITEN, JEREMY JOSEPH 2,977,288
ITO, KEIJI 2,975,089
ITZHAK-SIGRON, REUT 2,959,129
IVANOV, EVGENY VALERYEVICH 2,972,373
IZUHARA, DAISUKE 2,976,892
JABE BEHEER B.V. 2,973,635
JAEGER, ELENA 2,974,136
JAMISON, DALE E. 2,975,434
JAN, FRANCIS 2,974,523
JAN, FRANCIS 2,974,524
JAN, FRANCIS 2,974,526
JAN, FRANCIS 2,974,529
JANSSEN BIOTECH, INC. 2,960,962
JANTSCHER, MANFRED 2,974,861
JASTI, VENKATESHWARLU 2,975,973
JAWHARI, ANASS 2,977,353
JAYARAJAN, PRADEEP 2,975,973
JEFFERY, PAUL WAYNE 2,976,961
JERAN, PAUL 2,974,804
JEWELL, CHRISTOPHER M. 2,976,927
JFE STEEL CORPORATION 2,976,883
JFE STEEL CORPORATION 2,976,885
JFE STEEL CORPORATION 2,977,017
JFE STEEL CORPORATION 2,977,021
JFE STEEL CORPORATION 2,977,208
JIANG, JEAN X. 2,977,044
JIANG, XUN 2,977,106
JIMENEZ, ALEJANDRO KAYUM 2,975,343
JMS CO., LTD. 2,977,030
JOHANN WOLFGANG GOETHE-UNIVERSITAT FRANKFURT AM MAIN 2,977,436
JOHNSON, GREGORY W. 2,960,962
JOHNSON, TORI 2,977,049
JOHNSON, WALTER A. 2,957,374
JOHNSTONE, DARRELL 2,977,142
JONES, GORDON D. 2,977,229
JONES, GORDON D. 2,977,248
JONES, GORDON D. 2,977,260
JONES, NICK 2,973,928
JONG, TERRE-BLANCHE DE 2,977,255
JORDAN, SCOTT 2,974,118
JORMVIK, FREDRIK 2,973,951
JOSHI, ROHIT 2,977,402
JOWETT, LEIGH 2,958,462
JUNCKER, KENNETH J. 2,976,467
JUNCKER, KENNETH J. 2,976,469
JUSTRITE MANUFACTURING COMPANY, LLC 2,976,897
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.) 2,977,337
KADOWAKI, TAICHI 2,977,333
KAHRILAS, PETER J. 2,975,603
KAJA, DEAN MICHAEL 2,957,533
KALEKO, MICHAEL 2,977,385
KAMBEROV, KONSTANTIN HRISTOV 2,977,069
KAMIN LLC 2,977,038
KANASAKU, TADASHI 2,977,093
KANAYAMA, TARO 2,977,021
KANG, GOOK-JIN 2,974,792
KAPFERER, TOBIAS 2,976,981
KARP, HARVEY NEIL 2,977,390
KARPPI, ASKO 2,958,161
KARVE, SHRIRANG 2,953,265
KASEDA, YOSHIYUKI 2,977,029
KATO, NAOZUMI 2,977,335
KAWAI, HIROYUKI 2,958,196
KAWAI, TAKAMASA 2,977,021
KAWASHIMA, TOMOYUKI 2,976,883
KAWASHIMA, TOMOYUKI 2,976,885
KCI LICENSING, INC. 2,955,060
KEANE, MICHAEL F. 2,960,962
KEARNS, BARBARA J. 2,974,684
KEHRES, CLINTON E. 2,957,682
KELLER, STEFAN 2,977,327
KELLY, DAVID 2,974,371
KEMIRA OYJ 2,957,694
KEMIRA OYJ 2,958,161
KEMP, MAURICE 2,973,601
KERR, MARSHALL 2,976,929
KETER PLASTIC LTD. 2,959,129
KETER PLASTIC LTD. 2,959,286
KETTUNEN, AUVO 2,958,709
KHATIBI, ALI 2,973,927
KHATRI, PURVESH 2,977,422
KHDOUR, OMAR 2,976,937
KIENZLE, CHRISTIAN 2,977,327
KIM, KUK TAE 2,972,225
KIM, MUN-HAK 2,973,329
KIM, MYUNG HO 2,976,891
KIM, SUNG CHUL 2,973,865
KIM, SUNNY 2,974,792
KIMURA, HIDEYUKI 2,977,017
KINGSPAN HOLDINGS (IRL) LIMITED 2,973,634
KIRCHNER, RICHARD A. 2,976,878
KISSEI PHARMACEUTICAL CO., LTD. 2,976,623
KITAZAWA, KAZUYA 2,976,887
KLINGEMANN, HANS G. 2,977,423
KLOTZ, LAURENCE H. 2,977,061
KLUG, MICHAEL A. 2,976,955
KMOCH, SVEN 2,977,296
KNAUF INSULATION, INC. 2,957,374
KNAUSS, MATTHEW 2,971,424
KOBAYASHI, HIROSHI 2,977,456
KODJO, ANGELI 2,977,353
KOEVOETS, ADRIANUS JOSEPHUS PETRUS MARIE 2,959,304
KOHLER, JOHAN 2,974,325
KOHLER, ROBERT E. 2,977,235
KOMATSU LTD. 2,976,890
KONDOU, MASAYA 2,977,440
KONINKLIJKE DOUWE EGBERTS B.V. 2,973,553
KONISHI, HIROYUKI 2,976,888
KOPECKY, WILLIAM J. 2,958,288
KOPPERS, HENRICUS MARTINUS MARIE 2,960,664
KORTELAINEN, JARKKO 2,977,339
KOSKIMAKI, ASKO 2,957,694
KOVACH, JOHN S. 2,977,256
KOVACS, MICHAEL FRANCIS 2,957,682
KRASNOV, ANDREY ALEKSANDROVICH 2,972,373
KRAVETS, OLEKSIY 2,977,133

KRIEGEL, ROBERT 2,961,003
KROGERUS, HELGE 2,974,263
KROGERUS, HELGE 2,974,476
KRONZER, JOSEPH P. 2,958,288
KRUGER, JOHANNES CHRISTIAN 2,976,877
KUDO, KEIJI 2,977,456
KUHNERT, ANNE 2,975,339
KUKA ROBOTER GMBH 2,974,030
KUKULSKI, JAN 2,973,546
KULIKOWSKI, EWELINA B. 2,977,308
KUMMETH, PETER 2,975,339
KURAHASHI, MASAYUKI 2,977,093
KURTH, TODD 2,976,948
KURTH, TODD 2,976,949
KURTH, TODD 2,976,950
KURTH, TODD 2,976,951
KUTH, RUDOLF 2,974,448
KYLE, DONALD J. 2,977,367
L&K BIOMED CO., LTD. 2,974,792
LA-Z-BOY INCORPORATED 2,977,024
LAAKKONEN, ARI 2,977,339
LABONTE-LEMOYNE, ELISE 2,977,429
LACHAPPELLE, CRAIG 2,975,297
LAGOUTTE, ALAIN 2,960,870
LAGOUTTE, ANNIE 2,960,578
LANE, WILLIAM C. 2,972,443
LANG, MATTHIAS CARL 2,975,177
LANZA, VALERIA 2,951,808
LARRIVEE, JEAN-FRANCOIS 2,976,976
LARSSON, BENGT I. 2,970,794
LASSERRE, SEBASTIEN 2,975,172
LATCHWAYS PLC 2,974,267
LAU, PETER C.K. 2,976,517
LAU, YONG FONG 2,977,218
LAUTERMILCH, NATHAN 2,977,367
LAWLESS, LAWRENCE M. 2,974,435
LBP MANUFACTURING LLC 2,977,395
LE, KIM-ANNE 2,952,767
LEBRETON, PHILIPPE 2,967,169
LECCA, SALVATORE 2,977,256
LEDUC, FREDERIC 2,976,976
LEE, BAE HAN 2,972,225
LEE, CHANG YONG 2,976,891
LEE, CHANG-HOON 2,973,329
LEE, DONG JIN 2,976,891
LEE, LEE YOUNG 2,975,988
LEE, TIEN 2,977,423
LEGER, PIERRE-MAJORIQUE 2,977,429
LEHANE, JAMES J. 2,974,356
LEINONEN, ASKO 2,973,541
LEITANS, JANIS 2,975,224
LELEANNEC, FABRICE 2,975,172
LEMBCKE, JEFFREY JOHN 2,972,443
LEVEL 3 COMMUNICATIONS, LLC 2,977,129
LEVEL 3 COMMUNICATIONS, LLC 2,977,359
LEWIS, SAMUEL JASON 2,974,107
LEWIS, SAMUEL JASON 2,974,110
LEWIS, SAMUEL JASON 2,974,111
LEWIS, STEPHEN 2,961,299
LEYKO, MATTHIEU 2,974,294
LEYKO, MATTHIEU 2,974,296
LI, ALFRED 2,958,677
LI, CHENGWEI 2,977,109
LI, ZHENHUA 2,976,985
LI, ZHIJIANG 2,959,383
LIANG, YING (LORA) 2,974,136
LIEBL, REX 2,973,915
LILLANDT, MARCUS 2,957,694
LIMITED LIABILITY COMPANY "SIEMENS" 2,972,373
LIN, CHI KONG 2,977,225
LIN, GENYAO 2,977,371
LIN, ZHIYUE 2,975,603
LINDE AKTIENGESELLSCHAFT 2,960,344
LIQUITAB SYSTEMS LIMITED 2,977,290
LIU, JIANQIU 2,976,986
LIU, LU 2,977,026
LIU, SHANZENG 2,955,713
LIU, YU 2,961,479
LIXTER BIOTECHNOLOGY, INC. 2,977,256
LOADHOG LIMITED 2,958,462
LOCKE, CHRISTOPHER BRIAN 2,955,060
LOEB, GERALD 2,977,348
LOFTIN, CALEB S. 2,955,162
LOISON, SYLVIE 2,960,573
LOMBART, QUENTIN DAMIEN 2,957,608
LONG, MICHAEL DEVIN 2,976,054
LOUIE, STAN G. 2,953,064
LOZADA, MARCELO 2,961,293
LOZINSKY, EVGENIA 2,952,818
LTT BIO-PHARMA CO., LTD. 2,976,889
LU, ALBERT L. 2,977,026
LU, ERHU 2,977,360
LU, YU-MEI 2,961,247
LUCAS, REMY 2,955,801
LUEBBERT, DANIEL OLIVER 2,957,417
LUMUS LTD. 2,969,822
LUSSIER, ALAIN 2,977,174
LUTRON ELECTRONICS CO., INC. 2,971,424
LUTRON ELECTRONICS CO., INC. 2,971,443
LV, BINHUA 2,977,109
LYNCH, JOSEPH J. 2,977,045
MA, YUPO 2,977,106
MAAS, DAVID R. 2,975,250
MACDERMID ENTHONE INC. 2,974,312
MACK, DANIEL 2,973,634
MADSEN, MICHAEL D. 2,970,277
MAGGARD, JAY 2,974,371
MAGIC LEAP, INC. 2,976,955
MAHLER, BORIS 2,975,654
MAINE, STEPHEN G.T. 2,976,909
MAJSTOROVIC, JOVO BOZIDAR 2,977,390
MAK, SIU WAI JACKY 2,977,172
MAKELA, PASI 2,974,263
MAKELA, PASI 2,974,476
MAKOWIECKI, GARY JOE 2,974,332
MALAVAUD, BERNARD 2,975,343
MALEK, ANDRZEJ 2,961,479
MALSHE, VINOD CHINTAMANI 2,977,331
MAMELI, MANUEL 2,977,256
MANDON, ELODIE 2,977,353
MANIERE, VIANNEY CHRISTOPHE MARIE 2,975,570
MANITOU BF 2,967,169
MANKU, TAJINDER 2,977,133
MARCK, SHAWN 2,977,129
MARIN, SEBASTIEN 2,957,608
MARINI, HECTOR NOEL 2,976,921
MARTEAU-LORANT, SEVERIN 2,973,616
MARTENSSON, MATTIAS G. 2,970,794
MARTIN, CHRISTOPHER LEE 2,974,498
MARTINEAU, LOUIS 2,977,103
MARTINEZ-GRAU, MARIA ANGELES 2,976,636
MARTINSEN, BRAD J. 2,977,235
MASIMO SWEDEN AB 2,974,374
MASON, ANDREW F. 2,958,196
MASSA, DARIO 2,973,915
MASTAPLEX LIMITED 2,977,478
MASTAPLEX LIMITED 2,977,479
MATHIEU, ANTOINE 2,973,533
MAURANCE, XAVIER 2,960,578
MAY, ANDREW P. 2,975,166
MAY, MIKE 2,976,459
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 2,974,142
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 2,974,144
MCCOPPIN, ANNE B. 2,977,229
MCCOPPIN, ANNE B. 2,977,248
MCCOPPIN, ANNE B. 2,977,260
MCCORRISTON, TODD 2,977,164
MCCREADY, DEREK ROBERTSON 2,977,296
MCCULLOUGH, ADAM B. 2,976,935
MCDANIEL, JOHN M. 2,957,682
MCDERMOTT, ADRIAN 2,975,173
MCDONELL, BRIAN WILLIAM 2,961,650
MCDOUGALL, PATRICK 2,977,164
MCGUIRE, TERRENCE J. 2,977,259
MCHUGH, ADRIAN 2,975,603
MCKEE, ROBERT STEWART 2,973,196
MCMILLEN, ROBERT J. 2,976,923
MCQUAGG, MARK STEPHEN 2,977,120
MEDELA HOLDING AG 2,974,863
MEDELA HOLDING AG 2,975,544
MEDELA HOLDING AG 2,975,545
MEDINA, HECTOR M. 2,977,051
MEDPACTO INC. 2,975,988
MEDPACTO INC. 2,975,995
MENGHANI, MANISH 2,977,025
MENNELL, JAMES A. 2,977,092
MERCIER, OLAF 2,975,353
MERIAL, INC. 2,977,353
MERSEREAU, ALEXANDER 2,977,025
MERTINOOKE, PETER 2,976,458
MERTINOOKE, PETER 2,976,459

MERZ PHARMA GMBH & CO. KGAA 2,974,450
MESSINA, LUCIANO 2,951,808
METALSKIN TECHNOLOGIES SAS 2,974,273
METSO MINERALS INDUSTRIES, INC. 2,957,533
MEVORACH, DROR 2,976,879
MEYER PRODUCTS LLC 2,974,034
MEYER, JULIAN 2,977,290
MEYERS, JASON 2,977,402
MICHAEL, LACHLAN BRUCE 2,977,201
MIELONEN, KATRIINA 2,977,431
MIKAZUKI, YUTAKA 2,977,205
MIKI, HIROKO 2,977,459
MILLER, LARRY M. 2,977,229
MILLER, LARRY M. 2,977,248
MILLER, LARRY M. 2,977,260
MILLIGAN, CHARLES 2,974,118
MINEHIRA CASTELLI, KAORI 2,953,109
MINOVIA THERAPEUTICS LTD. 2,977,341
MIPS AB 2,975,811
MISENER, JAMES ALAN 2,977,291
MITCHELL, DAVID 2,977,097
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,977,195
MITSUBISHI HEAVY INDUSTRIES, LTD. 2,977,487
MIZUSHIMA, TOHRU 2,976,889
MOFFITT, RONALD D. 2,961,003
MOFFITT, RYAN 2,975,089
MOHAMMED, ABDUL RASHEED 2,975,973
MONTAUDON, MARC 2,960,573
MONTENA, NOAH P. 2,977,278
MOON, KUK-CHAN 2,973,329
MOORHOUSE, JOHN H. 2,959,517
MOORHOUSE, JOHN H. 2,959,523
MOORHOUSE, JOHN H. 2,959,524
MOREAU, PATRICE 2,975,353
MORGAN, RONNIE GLEN 2,974,107
MORGAN, RONNIE GLEN 2,974,110
MORGAN, RONNIE GLEN 2,974,111
MORIN, PATRICK 2,961,537
MORIOKA, YUICHI 2,977,196
MORITA, TORU 2,977,459
MORIYASU, KAZUKI 2,976,888
MOSS, ALAN MCKAY 2,977,051
MOSS, ALAN MCKAY 2,977,113
MOTION COMPOSITES INC. 2,977,107
MOUSSA, MAGDI 2,976,979
MTD PRODUCTS INC 2,974,371
MTD PRODUCTS INC 2,974,963
MURADYAN, HURIK 2,976,946
MURAKAMI, TAKANOBU 2,924,556
MURANAKA, SHIARU 2,976,884
MURAO, AKINORI 2,976,883
MURAO, AKINORI 2,976,885
MUSKATELLO, JAMES 2,975,414
MUSSOT, SACHA 2,975,353
MUSTAFA, ISAAK 2,961,299
MUTHER, MARCEL 2,975,544
MUTSUJI, TOSHIHIKO 2,976,887
MY CLEVER DOG PTY LTD 2,977,399
NA, JONGJU 2,975,074
NADEAU, KARI C. 2,977,127
NAGEL, CAREY PHILIP 2,977,167
NAKA, KAZUHITO 2,975,988
NAKAGAWA, MAYUMI 2,977,281
NAKAMURA, HIDEKI 2,976,887
NAKANO, SATOSHI 2,977,337
NAKATA, MASAHIRO 2,977,203
NAKAYAMA, KAZUHIKO 2,977,440
NAKAZAWA, YOSHIAKI 2,977,203
NANJING AGRICULTURAL UNIVERSITY 2,977,418
NANTKWEST, INC. 2,977,423
NASS, ANDREAS 2,972,119
NATIONAL RESEARCH COUNCIL OF CANADA 2,976,517
NATRIX SEPARATIONS INC. 2,977,015
NAUCHI, TAKASHI 2,976,887
NCTE AG 2,975,338
NEC CORPORATION 2,977,200
NEC CORPORATION 2,977,342
NEGISHI, JUN 2,977,462
NEOMED, INC. 2,975,173
NESTA, JASON 2,952,852
NESTEC S.A. 2,952,767
NESTEC S.A. 2,953,109
NESTEC S.A. 2,958,946
NESTEC S.A. 2,974,248
NESTEC S.A. 2,975,443
NEURO FRANCE IMPLANTS 2,975,353
NEW YORK AIR BRAKE LLC 2,974,081
NEWPORT, VERONICA 2,959,327
NEWTON, CHRISTOPHER 2,977,359
NEXTVR INC. 2,977,051
NEXTVR INC. 2,977,113
NGUYEN, NHAT HA THI 2,958,288
NHK SPRING CO., LTD. 2,976,886
NICHEM SOLUTIONS 2,977,331
NIE, YAO 2,975,035
NIEUWLAAT, JOHANNES CORNELIS 2,973,553
NILSSON, ANDERS 2,973,951
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,977,029
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,977,041
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,977,203
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,977,205
NIROGI, RAMAKRISHNA 2,975,973
NISHIMURA, KOUSUKE 2,977,093
NISSAN MOTOR CO., LTD. 2,977,335
NITTA, JUN 2,977,041
NIVENS, SCOTT 2,976,948
NIVENS, SCOTT 2,976,949
NIVENS, SCOTT 2,976,950
NIVENS, SCOTT 2,976,951
NIWA, TOSHIYUKI 2,977,041
NORDISCHER MASCHINENBAU RUD. BAADER GMBH + CO. KG 2,976,414
NORDSTROM, RICKARD 2,964,777
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,974,137
NORTHWESTERN UNIVERSITY 2,975,603
NOTH, ANDRE 2,975,443
NOVARTIS AG 2,961,062
NOVARTIS AG 2,961,650
NOVARTIS AG 2,976,981
NOVIK, SHAI 2,976,879
NOVOMER, INC. 2,976,220
NOVOMER, INC. 2,976,225
NOXELL CORPORATION 2,976,924
NUECHTERLEIN, JACOB S. 2,977,288
NUHFER, MATTHEW W. 2,971,424
NUOVO PIGNONE TECNOLOGIE SRL 2,975,177
NUVERA FUEL CELLS, LLC 2,959,383
O'DEA, JOHN 2,975,603
O'HAIMHIRGIN, LOCHLAINN 2,977,237
O'SULLIVAN, ASHLEY 2,961,441
OBERKIRCHER, BRENDAN J. 2,960,962
OCAMPOCHUA, NIXON LAO 2,977,377
OCHIAI, KYOHEI 2,977,462
ODA, TAKAYUKI 2,977,344
ODE, TAKAYOSHI 2,976,880
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,973,927
OFIR, YUVAL 2,969,822
OGAWA, TOMOTAKE 2,977,064
OHBO, AKANE 2,977,064
OHIO STATE INNOVATION FOUNDATION 2,977,350
OHMURA, SHUJI 2,976,886
OHTA, YOSHIAKI 2,976,880
OK, JI HYO 2,972,225
OKADA, SATOSHI 2,977,201
OKAMOTO, RIKI 2,977,205
OKAMOTO, YUMIKO 2,976,892
OKRUTNY, ANTHONY 2,975,297
OLLIGSCHLAEGER, ANDREAS M. 2,977,025
OLSEN, GARRETT T. 2,974,507
OMIZU, MORIMASA 2,977,440
OOYAMA, NOBUYUKI 2,976,883
OOYAMA, NOBUYUKI 2,976,885
ORABY, ELSAYED ABDELRADY 2,976,958
ORAM, ANNE BAKER 2,957,407
ORAZEM, LOUIS 2,974,034
ORDWAY, DAVID CARLTON 2,976,054
OSAKA UNIVERSITY 2,976,890
OTTOPIC INC. 2,977,083
OUTOTEC (FINLAND) OY 2,974,263
OUTOTEC (FINLAND) OY 2,974,476
OVASKA, SAMI 2,977,431
OXFORD SPACE STRUCTURES LTD 2,974,032
OZAKI, YOSHITOMO 2,977,456
OZTURK, TURAN 2,977,170
OZYMES 2,976,517
P + L GMBH & CO. KG 2,973,509
PAC SEATING SYSTEMS, INC. 2,976,921
PADOAN, MATTEO 2,969,632

PAIXAO, ADRIEN 2,958,517
PALIWODA, BRIAN 2,975,414
PALOVAARA, PETRI 2,974,263
PALOVAARA, PETRI 2,974,476
PANANDIKER, RAJAN KESHAV 2,974,227
PANDE, AVANISH 2,977,048
PANDE, AVANISH 2,977,052
PANDOLFINO, JOHN ERIK 2,975,603
PANTHER, ALEXANDER GYLES 2,977,406
PAOLINI, RICHARD J., JR. 2,969,474
PAPA, RENATO 2,977,296
PARGETER, ADRIAN 2,973,634
PARK, HAE OH 2,948,685
PARK, HYUN WOONG 2,976,891
PARK, JAE YOUNG 2,972,225
PARK, JI-HOON 2,973,329
PARK, JOO DONG 2,976,891
PARK, JUN-HYO 2,973,329
PARK, JUNG SEO 2,976,891
PARK, SO YEON 2,959,483
PARKER, CLIFFORD W. 2,973,953
PASS, ANDREW 2,974,267
PATCH, DANIEL WAYNE 2,977,062
PATWA, RUCHIR SHIRISH 2,974,493
PAUL, WILLIAM C., III 2,976,909
PAULET, BRYAN A. 2,972,443
PAULSOHN, CARSTEN 2,976,414
PAUR, CHARANJIT S. 2,955,258
PAUTARD, SEBASTIEN 2,957,834
PEDICIS RESEARCH LLC 2,977,234
PEELER, ANDREW T. 2,955,162
PEIRSMAN, DANIEL 2,973,676
PELLAUD, JEROME 2,973,676
PELTONEN, KARI 2,958,709
PENARI, STEPHANE 2,974,273
PENG, WEIHONG 2,955,713
PENG, YUXING 2,955,713
PERENTES, ALEXANDRE 2,958,946
PERENTES, ALEXANDRE 2,974,248
PERFORMANCE INDICATOR, LLC 2,973,953
PERRIN, ALEXA 2,974,248
PERRY, BRENT ANTHONY 2,976,877
PETASIS, NICOS A. 2,953,064
PETERSEN, KATHLEEN MARY 2,977,287
PETERSON, PETER 2,976,510
PETIT, MORGANE 2,974,499
PEYS, STEPHANE 2,961,441
PHAM, PHI-OANH R. 2,976,489
PHASE CHANGE SOFTWARE LLC 2,975,305
PHILIP MORRIS PRODUCTS S.A. 2,975,654
PICARDEAU, MATHIEU 2,977,353
PILOTE, JACQUES 2,976,987
PINGEL, DANIEL JOSEPH 2,957,417
PINZ, KEVIN 2,977,106
PIONEER HI-BRED INTERNATIONAL, INC. 2,975,166
PIONEER HI-BRED INTERNATIONAL, INC. 2,977,026
PIONKE, JEREMEY JOSEPH 2,957,417
PIRAVIDILI MUCUR, SELIN 2,977,170
PIRON, CAMERON ANTHONY 2,977,406
PISILA, SAULI 2,974,263
PISILA, SAULI 2,974,476
PISKLAK, THOMAS JASON 2,974,107
PISKLAK, THOMAS JASON 2,974,110
PISKLAK, THOMAS JASON 2,974,111
PISKORZ, IRENEUSZ 2,974,479
PISKORZ, TOMASZ TADEUSZ 2,974,479
PISKORZ, WALDEMAR 2,974,479
PISLARU, SORIN V. 2,974,142
PISLARU, SORIN V. 2,974,144
PISTAUER, MARKUS 2,974,861
PLANET SHRIMP INC. 2,977,019
PLANETAIR TURF PRODUCTS, LLC 2,975,250
PLAZA, GEMA RUANO 2,976,636
PLESSAS, JAMES G. 2,969,975
POCARED DIAGNOSTICS LTD. 2,977,430
POIRIER, PIERRE-ALEXANDRE 2,977,167
POLLACK, BENJAMIN 2,976,936
POLLACK, BENJAMIN 2,976,938
POLLACK, BENJAMIN 2,976,947
POLLAK, PETER M. 2,974,142
POLLAK, PETER M. 2,974,144
POLLARD, RONALD GEORGE WILLIAM 2,977,164
PORTER, NEIL 2,959,974
PORTER, TIM 2,977,097
PORVAIR FILTRATION GROUP LIMITED 2,960,775
POSTEL, IWAN 2,977,188
POSTHUMUS, ROHAN 2,960,112
POWER, STEPHEN 2,975,187
PPC BROADBAND, INC. 2,977,278
PRESNAIL, JAMES KEVIN 2,977,026
PRICE, DANIEL W. 2,960,962
PROGENESYS 2,975,079
PROOT, JACQUES 2,960,578
PU, ANBIN 2,977,287
PURDUE PHARMA L.P. 2,977,367
PVP TECHNOLOGIES CANADA INC. 2,977,273
PYRO GREEN INNOVATIONS 2,960,578
QUALCOMM INCORPORATED 2,977,291
QUALCOMM INCORPORATED 2,977,361
RABHI, VIANNEY 2,974,478
RABHI, VIANNEY 2,974,481
RADHAKRISHNAN, SEN 2,975,177
RAGHEB, AMRO 2,977,015
RAJE, RAJAN BALKRISHNA 2,977,331
RAKUS, PAUL R. 2,969,529
RAMARK, HANNU 2,958,709
RANO, SIMON 2,967,172
RASHID, KASHIF 2,974,099
RAVIKOVITCH, PETER I. 2,955,258
REAMER, DAVID 2,977,092
REBISCAN, INC. 2,977,329
REED, MARK A. 2,977,360
REES, DANIEL SCOTT 2,974,393
REGE, AARTI 2,952,839
REGENERON PHARMACEUTICALS, INC. 2,977,060
REGENESIS SCIENCE CO., LTD. 2,977,354
REPOLAR PHARMACEUTICALS OY 2,974,166
REPRO-MED SYSTEMS, INC. 2,977,099
RESHAD, JAMSHEED 2,976,467
RESHAD, JAMSHEED 2,976,469
RESVERLOGIX CORP. 2,977,308
REVOLAZE, LLC 2,959,034
REZANOV, ILYA 2,972,373
REZEL, CHRISTOPHE 2,960,084
RIBO TASK APS 2,976,688
RICARD, MICHEL 2,973,907
RICARDO, SERGE 2,977,273
RICHARD, DANIEL 2,977,410
RICHARDSON, ADAM 2,973,928
RIDEOUT, JAN 2,973,928
RIEMANN, CHRISTOPHER D. 2,960,962
RIETMANN, CHRISTIAN 2,974,312
RIGERT, MARIO 2,974,863
RIGERT, MARIO 2,975,545
RIISOM, JORGEN 2,973,951
RING, LAWRENCE S. 2,976,935
RIVERS, GORDON T. 2,974,358
RIZZARELLI, ENRICO 2,951,808
RIZZO, ROCCO 2,959,808
ROBBINS, KYLE 2,952,852
ROBERT, MAXIME 2,977,103
ROBERTS, JEFFREY SCOTT 2,976,489
ROBINSON, CLIFF 2,977,049
ROBINSON, TIMOTHY MARK 2,955,060
ROBISON, CLARK E. 2,972,443
ROBITAILLE, ROGER 2,976,975
ROBOREL DE CLIMENS, LODY 2,974,325
ROCHEFORT, MALCOLM 2,973,634
RODERS, JURGEN 2,973,509
RODGERS, KATHLEEN E. 2,953,064
ROHL, JAMES P. 2,974,142
ROHL, JAMES P. 2,974,144
ROHRBAUGH, SCOTT THOMAS 2,970,197
ROLLINS, JULIE 2,959,327
ROODENBURG, JOOP 2,974,490
ROOYEN, PIETER VAN 2,976,923
ROTHWELL, PAUL 2,959,974
ROULET, JEAN-CHRISTOPHE 2,960,962
ROYAL CARIDEA LLC 2,973,601
ROYSTON, CLIFTON 2,977,128
RUBIO, ALMUDENA 2,976,636
RUEHLE, MICHAEL 2,976,923
RUSCIO, DANI 2,975,654
RYSCHKA, NIKOLAS 2,977,436
SA, SHUANG 2,976,985
SAARENMAA, JARMO 2,974,263
SAARENMAA, JARMO 2,974,476
SAFRAN 2,957,834
SAFRAN 2,974,294
SAFRAN 2,974,296
SAFRAN AIRCRAFT ENGINES 2,957,608
SAFRAN AIRCRAFT ENGINES 2,957,834

SAFRAN AIRCRAFT ENGINES 2,958,517
SAFRAN AIRCRAFT ENGINES 2,975,570
SAFRAN CERAMICS 2,960,573
SAFRAN TRANSMISSION SYSTEMS 2,973,533
SAHILU, BRUK 2,974,118
SAINT JEAN INDUSTRIES 2,973,937
SAINT-GOBAIN GLASS FRANCE 2,967,172
SAINT-GOBAIN GLASS FRANCE 2,973,941
SAINT-GOBAIN ISOVER 2,974,499
SAINT-GOBAIN PLACO SAS 2,973,928
SAKAI, EISUKE 2,977,196
SAKAMOTO, KEI 2,953,109
SAKAMOTO, TAKASHI 2,976,623
SAKATA INX CORPORATION 2,976,881
SAKATA INX CORPORATION 2,976,882
SAKATA INX CORPORATION 2,976,888
SALIH, NABEEL 2,977,167
SALTS HEALTHCARE LIMITED 2,957,480
SAMSURI, AZEMI B. 2,977,336
SANDAHL, GARY A. 2,977,026
SANGESLAND, SIGBJORN 2,974,280
SANSON, SYLVAIN 2,975,343
SANTA CATARINA, MATEUS FROIS 2,977,403
SARA, STACEY 2,977,276
SARAF, SANGRAM KESHARI 2,975,973
SASAKI HITOSHI 2,977,011
SASAKI, HITOSHI 2,976,968
SATO, YOICHI 2,976,888
SAURER, ALAIN 2,960,962
SAVOURE, STEPHANE 2,977,273
SAWANT, KAILAS 2,977,371
SCHABEL, THOMAS 2,977,327
SCHAEFER, TATJANA 2,976,924
SCHEIBEL, JEFFREY JOHN 2,974,227
SCHELLENBERGER, UTE 2,977,026
SCHERGER, DEREK 2,977,402
SCHICKLBERGER, MARCUS F. 2,976,956
SCHLEGEL, BERNARD 2,972,117
SCHLEPP, RAMONA 2,972,117
SCHLIENGER, ANDRE 2,975,544
SCHLUMBERGER CANADA LIMITED 2,974,099
SCHMID, KEVIN G. 2,977,053
SCHNEIDER, RICHARD 2,977,045
SCHNEIDER, ROBERT 2,977,246
SCHNEIDER, UWE 2,976,054
SCHNELL, URBAN G. 2,960,962
SCHNIEDERS, BRITTA 2,974,466
SCHOWENGERDT, BRIAN T. 2,976,955
SCHUBERT, BETH ANN 2,974,227
SCHULTHEIS, MIKELL W. 2,961,003
SCHUSTER, KILIAN 2,974,232
SCHVALLINGER, MICHAEL FRANCK ANTOINE 2,975,570
SCHWARZ, JOERG 2,974,466
SCIUTO, SEBASTIANO 2,951,808
SCOTTI DEL GRECO, ALBERTO 2,975,177
SEALFON, ANDREW 2,977,099
SEALTAP GMBH 2,976,440
SEB S.A. 2,961,537
SEISER, TOBIAS 2,973,915
SEKISUI CHEMICAL CO., LTD. 2,977,440
SELKER, KEVIN 2,975,305
SENECAL, SYLVAIN 2,977,429
SENJU METAL INDUSTRY CO., LTD. 2,976,887
SENTE, ILSE 2,975,891
SEZAL, ISMAIL HAKKI 2,975,177
SHAN, GUOBIN 2,974,351
SHENG, ZELIN 2,977,109
SHI, YU 2,961,003
SHI, YUNMING 2,977,377
SHIBA, HISASHI 2,977,200
SHIBUYA CORPORATION 2,976,884
SHIH, ALBERT 2,977,235
SHINDE, ANIL KARBHARI 2,975,973
SHIRE HUMAN GENETIC THERAPIES, INC. 2,953,265
SHOEI CHEMICAL INC. 2,977,093
SHOUJI, HIROFUMI 2,977,456
SIEMENS AKTIENGESELLSCHAFT 2,973,156
SIEMENS AKTIENGESELLSCHAFT 2,975,339
SIEMENS HEALTHCARE DIAGNOSTICS INC 2,976,938
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,976,936
SIEMENS HEALTHCARE DIAGNOSTICS INC. 2,976,947
SIGL, DENNIS ROLAND 2,970,459
SILIOC, CHRISTELLE 2,974,499
SILK ROAD MEDICAL, INC. 2,977,072
SILVA ZOLEZZI, IRMA 2,952,767
SILVA ZOLEZZI, IRMA 2,953,109
SIMIONI, UGO 2,973,810
SIMON, BARRY J. 2,977,423
SIMS, BART 2,958,617
SINTER PRINT, INC. 2,977,288
SINTORN, IDA-MARIA 2,964,777
SIPCAM INAGRA, S.A. 2,976,597
SIPPONEN, PENTTI 2,974,166
SJOBERG, MARTEN 2,973,541
SKARJA, GARY 2,977,015
SKIDMORE, ADRIAN GARY 2,973,170
SLEEMAN, GARY 2,976,459
SLOWIK, MICHAEL A. 2,976,225
SMITH, CHAD C. 2,977,229
SMITH, CHAD C. 2,977,248
SMITH, CHAD C. 2,977,260
SMITH, PATRICK W. 2,977,025
SMITH, PAUL L. 2,972,443
SMITH, ROBERT 2,977,129
SMITHS MEDICAL ASD, INC. 2,974,080
SMITHS MEDICAL ASD, INC. 2,975,414
SOFFER, LEAH R. 2,960,962
SOFIDEL S.P.A. 2,958,999
SOKHANVAR, SAEED 2,960,962
SOLVAY USA INC. 2,977,371
SOMMETRICS, INC. 2,976,909
SONOCO DEVELOPMENT, INC. 2,961,069
SONY CORPORATION 2,977,196
SONY CORPORATION 2,977,201
SONY CORPORATION 2,977,204
SOOKRAJ, SADESH H. 2,976,220
SOOKRAJ, SADESH H. 2,976,225
SORRENTO THERAPEUTICS, INC. 2,977,257
SPITZER, MARK B. 2,973,102
STACY, TIMOTHY D. 2,976,467
STACY, TIMOTHY D. 2,976,469
STAINSBY, JEFF ALAN 2,977,406
STAIR, TODD ANTHONY 2,974,332
STALEY, SHAUN 2,974,971
STASIS LMPS LIMITED 2,974,168
STATE LINE HOLDINGS, LLC. 2,976,910
STEAD, PAUL ROBERT 2,974,358
STECHEY, DANIEL 2,977,019
STEFANI, EMI 2,958,999
STEIN, KARIN ANN 2,977,150
STELMAH, MIKE 2,977,060
STERIS INC. 2,977,103
STEVENS, JAMES P. 2,961,069
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PETERSON, LES	2,976,789
PHAM, HANG T.	2,973,718
PHAM, HANG T.	2,973,745
PIERCE, GEORGE E.	2,976,962
PITKIN, JOHN W.	2,976,174
POHL, BRAD P.	2,976,893
POLLINA, MICHAEL	2,972,386
POXTON, PETER D.	2,976,893
PUNJABI, MANOJ	2,976,730
RAMAN, VIVEK CHERUVARI KOTTIETH	2,973,965
RANGEL, JIM	2,976,980
RAPACKI, ALAN R.	2,977,078
RAY, CHARLES G.	2,976,915
RAY, CHARLES J.	2,976,915
REFOCUS GROUP, INC.	2,976,837
RICHARDSON, PETER J.	2,976,837
ROCHELEAU, MICHAEL O.	2,976,789
ROCHFORD, BRIAN	2,976,980
ROSEN, JESSE NICASIO	2,975,717
ROWBOTTOM, MARTIN W.	2,972,138
RUBINCHIK, VALERY	2,977,078
SAINT-GOBAIN ABRASIFS	2,973,965
SAINT-GOBAIN ABRASIVES, INC.	2,973,965
SAKURA FINETEK U.S.A., INC.	2,976,290
SANDSTROM, JOEL LEE	2,976,792
SCHERER, ANDREW J.	2,976,837
SCHOLZ, PETER	2,976,671
SEEBALUCK, DHARMENDR LEN	2,962,033
SEQIRUS UK LIMITED	2,976,230
SETH, ANUJ	2,973,965
SETTI, EDUARDO	2,972,138
SHAW, RYAN J.	2,976,244
SIGMA-ALDRICH CO. LLC	2,977,152
SILATRONIX, INC.	2,972,386
SIMISTER, MATTHEW P.	2,976,893
SIMPSON, TERRY	2,962,033
SINGH, RAJIV R.	2,973,718
SINGH, RAJIV, R.	2,973,745
SMOLEK, MICHAEL K.	2,976,837
SOLOWAY, BARRIE D.	2,976,837
SORENSEN, ANNE LOUISE	2,977,261
SPATZ, MARK W.	2,973,718
SPATZ, MARK W.	2,973,745
SPRANKLE, KELLY G.	2,972,138
STEINIG, SUSANNE	2,976,671
STEWART, TERRY L.	2,976,893
SYNGENTA PARTICIPATIONS AG	2,956,410
SYNGENTA PARTICIPATIONS AG	2,973,072
TAMULONIS, JOHN	2,976,174
TARP, MADS AGERVIG	2,977,261
TAYLOR-PAPADIMITRIOU, JOYCE	2,977,261
TEBBE, JAN	2,976,671
THOMAS, KURT J.	2,976,244
THOMAS, RAYMOND H.	2,973,718
THOMAS, RAYMOND H.	2,973,745
THOMASSY, FERNAND A.	2,976,893
TRIPATHI, SANJAY	2,958,496
TSAI, THEODORE F.	2,976,230
TSENG, ERIK	2,976,840
UNIVERSITY OF MIAMI	2,977,089
UNIVERSITY OF MIYAZAKI	2,974,062
URBAN JAMES	2,976,915
USELTON, ROBERT B. "DUTCH"	2,977,033
USMANI, GHAYYURUL I.	2,976,893
USREY, MONICA	2,972,386
VANACKERE, KAREL	2,976,705
VARLAN, ANCA	2,971,921
VISTA OUTDOOR OPERATIONS LLC	2,976,792
VOTSMEIER, CHRISTIAN	2,976,671
WANG, ZHUOZHI	2,976,671
WEATHERFORD TECHNOLOGY HOLDINGS, LLC	2,976,980
WEBER, BRYAN	2,975,717
WENIG, ROBERT L.	2,976,730
WEST, ROBERT	2,972,386
WHITE, MICHAEL A.	2,976,705
WILLIAMSON, DOUGLAS C.	2,976,837
WILSON, DAVID P.	2,973,718
WILSON, DAVID P.	2,973,745
WOBST, NINA	2,976,671
WRIGHT, TERRY	2,958,355
XIE, CHONGQING	2,976,174
XU, CHANGXIANG	2,971,657
XU, XIANGJUN	2,971,657
YANG, HWAI-JYH MICHAEL	2,976,290
YEE, PETER	2,975,717
ZAGAR, STEVEN J.	2,976,789
ZDENEK, GENE W.	2,976,837
ZELTIQ AESTHETICS, INC.	2,975,717
ZHANG, YUE	2,977,032
ZHAO, ROBERT YONGXIN	2,977,032